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The Upland News

VOLUME TWENTY-TWO, NO. 52

UPLAND, SAN BERNARDINO COUNTY, CALIFORNIA, THURSDAY, MAY 10, 1917

\$1.50 PER YEAR

SAN ANTONIO HOSPITAL ASS'N. ENJOYS MOST SUCCESSFUL YEAR IN HISTORY

BOARD OF DIRECTORS RE-MAINS SAME. JUDGE POLLOCK PRESIDENT

320 PATIENTS ADMITTED

Many Valuable Improvements Have Been Made During Past Year. Instructress for Training School to Be Secured.

The report of Miss Elizabeth Atkinson, superintendent of the San Antonio hospital, shows the local institutions, whose stockholders and directors met in annual session on Tuesday, to have just completed one of the most successful years in its history.

During the year 323 patients were treated, an increase over the preceding year of forty-four. There was an average of nearly ten patients in the hospital daily throughout the year. Of the 323 treated there were only twenty deaths in the hospital during the year and four of those were victims of accidents and unconscious when admitted.

Old Board Re-Elected
The old board of directors was re-elected and organized as follows: Judge J. R. Pollock, president; J. J. Atwood, vice-president; J. B. Draper, J. N. Huen, J. C. Mehl, directors; C. E. Grier, secretary; R. C. Norton, treasurer.

Many valuable improvements have been made at the hospital during the year and the directors Tuesday approved the securing of a competent instructress for the training school, since these duties in connection with the superintendency of the hospital have become more than one person can properly handle.

Praise for Superintendent
The stockholders and directors of the institution expressed themselves in no uncertain terms as to their appreciation of the very able superintendency of Miss Atkinson, whose work during the year was highly commended by all. Miss Atkinson's report follows:

Ladies and Gentlemen:
The report of the work done at the San Antonio hospital during the year ending April 30, 1917, is herewith submitted.

During the year there were admitted to this hospital 320 patients, three remaining in the hospital at the end of the year, making a total of 323 patients treated, with an average of 9.5 patients a day.

There were 32 births, 10 operations, 47 accident cases and 75 medical cases.

There were 20 deaths, four of these being accident cases and unconscious when admitted.

There are five nurses who will graduate in June this year. Three new nurses entered the training school and at present there are four probationers. On account of the work being so heavy, a graduate nurse was employed for February and March. A great deal of difficulty has been experienced in getting suitable applicants for the training school, the girls seeming to prefer the larger hospital with modern conveniences. Since the recent improvements have been made we hope to overcome this difficulty. The gas and our new water heating system have proved a real benefit both to nurses and patients and the new sterilizing outfit which is operated by gas has added a great deal to our convenience in the work in the operating room.

The training school is accredited for one year by the state board with recommendations for the appointment of an instructress of nurses at the beginning of the next term, September 1, 1917. This part of the work is very heavy and cannot be undertaken satisfactorily by the one person who has charge of the hospital. Whether the hospital will be accredited longer depends on how we can meet these conditions and the training school in connection with the small hospital is necessary not only to the hospital, but to the community.

I wish to express my thanks for the advice and support of the board of directors and officers during the year.

Yours respectfully,
ELIZABETH ATKINSON, R. N.

W. A. SHAY TO ASSIST DISTRICT ATTORNEY

NEW APPOINTEE IS NOW CHIEF OF POLICE OF SAN BERNARDINO

Will Take Charge of Gathering Evidence in Criminal Cases. Increasing Demands on Office Reason for Appointment.

W. A. Shay, chief of police of San Bernardino, was Monday named as investigator in the office of District Attorney T. W. Duckworth, when the board of supervisors ordered the appointment.

The office has been vacant since J. H. Berry was transferred to the sheriff's office, several months ago. Increasing demands by the federal and state governments on the district attorney's office in connection with war and defense preparations, required the appointment.

Mr. Shay will take charge of gathering the evidence in all criminal cases, so that the entire outline of cases can be ready for Mr. Duckworth and his legal staff before the trials open. Mr. Shay's term expires as chief of police on June 1, and he will then assume his duties on the staff of Mr. Duckworth.

Chief Shay is one of the most competent officers in the state, his police experience having embraced a long term of years, and county officials regard the securing of his services as a good move for the county. He will be the district attorney's representative at the scene of all crimes that require investigation to prepare for the prosecution, and will take over certain details of the work the district attorney's office is called on to handle in national and state defense matters.

NOTED ARTISTS AT COLONIAL MONDAY

Through special arrangement by Manager Ross of the Colonial theatre, a program is to be given Monday evening of more than usual importance, for on that night Miss Clara Alexander, widely known not only in the United States but England as well, is to appear in her impersonations of Southern negroes in their quaint songs, love poems and funny folklores.

Miss Alexander is to be assisted by Mrs. Pearl Cole McMullen, soloist, and Miss Helen Scott, violinist. The patrons and patronesses of the evening are to be Mr. and Mrs. Chas. Leo Tuttle, Mr. and Mrs. Edw. C. Harwood, Geo. T. Stamm, R. R. Brownson, Mrs. E. A. Marshall, Mrs. A. T. Hamilton, Mrs. Lansing T. Vedder, Dr. and Mrs. C. Sheppard.

There will be no moving picture program Monday evening and the evening promises to be one replete with numbers by exceptional artists, as each comes with highest recommendations. The program will commence at 8 o'clock.

FISH STORIES AND FISH ALL IN ONE

With the return of the numerous relatives of that famous man, among men, Isaac Walton, the stories of last week are being added to, bit by bit, until today some of the minor details have become important factors.

Fish that were six inches long last week have enlarged to at least a foot, while those of 20 inches last week are today the length of your arm.

One of the parties that journeyed into the mountains above San Bernardino was made up of A. P. Harwood, N. I. Hamer, J. J. Atwood and Rev. Chas. Wentworth. Now, first, be it understood that Rev. Wentworth's reputation for truth and veracity is like Caesar's wife—above suspicion—but we give you the story as he gave it to us, and if you don't believe it you can ask the other members of the party as to the facts.

It seems that the Reverend is some fisherman and having followed the life for many seasons, he knows. Therefore he went "spooning."

Way refers to spoon bait and is used by Webster, Noah—not a fish that built the Ark—as "a rod in trolling, consisting of a line shaped like the tail of a spoon, with a fish hook at the end."

Mr. Wentworth was quite successful with this mode of fishing, he had two of the spoon

MAYOR C. E. GRIER ADDRESSES THE PEOPLE ON THE PROPOSED UPLAND SEWER BOND ISSUE

For the past few months the Bureau of Sanitary Engineering has been making a canvass of sewerage and sewage disposal statistics in the incorporated towns and cities of California. Information has been obtained for all but about twenty of these towns in the state. The statistics show that 175 towns and cities are practically completely seweraged and that 52 communities are not yet provided with a sewer system.

The majority of these towns have long since reached the point where it is financially possible to install sewer systems and almost without exception the health of the communities would be improved if comprehensive water carriage system were provided to take the place of the offensive and disease-producing privies and cesspools.

Replies and information on the practice of sewage treatment and disposal in those towns having sewer systems have not as yet been compiled and digested. It is apparent from the replies, however, that early improvement in the methods of treatment and proper disposal of sewage is necessary. It is evident also that many of the communities have been poorly advised in the scheme adopted for getting rid of sewage, so that even if water supplies are not menaced, nuisances are created to so great an extent that some communities are facing serious damage suits.

On June 5th the people of Upland will have an opportunity of deciding whether we will remain in the unsewered class.

The sanitary conditions here in Upland have been worse than most people realize, and to miss this chance of correcting the evil would certainly be disastrous.

Few people, when they are shopping down town, stop to think of the menace not only to their own health but to the health of the little ones at home, even though they may live miles from the business section.

The sewer is a community affair and those people in the outlying districts, though they may not get any direct benefit for some time to come, can feel assured that they are fully repaid for their small assessment by having a clean city where they may transact their business and feel that much safer when the children come in to school.

The credit of working out the detail of the sewer system belongs to the sewer committee, composed of Messrs. D. E. Dobbins, E. C. Mehl, Chas. Ruedy, and F. C. Froehde.

This committee, after much investigating, recommended one of two plans to the city trustees.

The first was an outfall on A street and a disposal plant and sewer farm north of the Santa Fe tracks, just inside the east boundary line of the city. The second was the plan which we have adopted—that of joining Ontario.

The second plan, though a little more costly at the outset, is much the cheaper and better plan.

The disposal plant and sewer farm would cost about four thousand dollars less to install but the per annum upkeep of this system would be between \$1500 and \$2500. Taking the lowest estimate of \$1500 yearly for twenty-four years or the length of the bond issue we have \$36,000 spent in upkeep. Adding to this the original cost and interest on bonds, we would have nearly \$70,000 invested in the first plan in twenty-five years.

Ontario made us a proposition of mutual benefit.

We are to construct an outfall on A street to Campus and south on Campus connecting with their outfall from Ontario. They reserve the right to lay lateral lines to connect with this outfall and agree to take care of our sewage for a period of twenty-four years free of cost to us.

The cost of this outfall is \$24,000 and it is for this proposition that we vote June 5th.

There is no expense of upkeep to Upland in this plan and the bonds and interest in twenty-five years would amount to \$36,000, or a saving to the city of almost the cost of the outfall over the first plan in twenty-five years.

That is one reason we decided on the Ontario proposition.

Another is that the only available location for our own disposal plant was so situated that it would have depreciated all of the property on East Ninth street, and, needless to say, we do not want to injure those whose homes were in this locality.

The assessed valuation of Upland at the present time is \$2,000,000. The length of the sewer bond issue is twenty-five years. One bond of \$1000 will be paid off each year and the interest at 5 per cent will range from \$1200 the first year to \$50 the twenty-fifth year.

The rate of taxation necessary to raise this amount (both bond and interest) will be 11 cents on the \$100 of assessed valuation the first year and allowing for increased growth of the city, about 3 cents the last year, or an average of 7 cents on the \$100 valuation for the full time.

The assessed valuation of the average ten-acre grove, full-bearing, is \$5000. The proportion of this expense would be \$3.50 per year.

Don't you think the benefits would be worth that much?

The lateral lines north of A street will be put in under the Vrooman act and will be paid for by the district which they serve.

The assessment on a 50-foot lot will be approximately \$15, not over \$16. The assessment on Second avenue between A street and C street (the district most benefited) will be about a dollar a front foot.

Do you think you can afford to vote against this proposition?

Some people advanced the argument that the whole issue should have been put in under the Vrooman act, but in that case the only ones entitled to use the outfall would have been the district assessed and none of us can say how far north, east, or west Upland will have need of sewer laterals in twenty-five or fifty years.

If the bond issue carries, which no doubt it will, the whole city is entitled to use the outfall, and any section which is not served by sewer connection at the start can have the sewer service by petitioning the council to lay their lateral lines.

Figure the cost of a cesspool and when you figure it realize that you will need another in five or six years. Then take 7 cents for each \$100 of assessed valuation of your property, add \$16 to this amount if your property is a residence, and \$1 per front foot if business property on Second avenue or Ninth street, when you get the result you will find that you cannot afford to vote against the sewer bonds.

The highest duty of the citizen is to support any move to make bigger, better, and healthier the community in which he lives. Any measure that makes for these results is of direct personal interest to every citizen in any town. There is no method by which such results can be better obtained than by general cleanliness and modern sanitation.

Few towns in California have grown to the population of Upland without installing a modern sewer system. It requires a population of not less than 500 to incorporate a town. Only incorporated towns can vote bonds for such improvements. Many towns incorporate, primarily, in order to acquire sanitary sewers. It is not to the credit of any town to remain in the cesspool class after it is able to build sewers. Any town that can afford to have sewers cannot afford not to have them. Cesspools are a constant menace to health, and with a very little neglect may easily become sources of epidemics. Besides this they are a barrier to progress. No one in this age of modern advancement desires to locate in a town that is not sufficiently up-to-date to provide sewer facilities. The issue cannot be sidestepped. If a city is to make advancement it must be kept clean and free from sewage pollution; its offense to the sense and its lurking menace to health. This can only be done by sewer systems. Other methods are ideal in but one respect: as breeding grounds for flies, and retainers of filth.

C. E. GRIER,
Mayor City of Upland.

DR. MILTON COY TO BE SUPERINTENDENT

TAKES PLACE OF DR. CALLNON, WHO HAS ENLISTED FOR THE WAR

No Increase in Expenditures of Hospital by Reason of the Change. Salary Will Be Fixed After Three Months.

Dr. L. M. Coy, formerly assistant superintendent of the county hospital, was Monday made acting superintendent and county physician, to take charge of the institution during the absence of Dr. J. W. Callnon, who was granted three months' absence, and left Sunday night for Fort McDowell, near San Francisco, in response to orders from the war department.

Under the resolution of the board of supervisors, married employees who join the reserve training camp are to draw the difference in their pay and that paid by the government on the amount the government pays Dr. Callnon, for there will be no increase in the expenditure at the hospital by reason of the change. At the expiration of the three months' leave of absence granted Dr. Callnon, the supervisors will fix the salary of the acting superintendent.

Dr. Coy has had considerable experience at the hospital and will inaugurate a clinic at which the surgeons of the city will aid in important operations.

Dr. Callnon leaves for duty with the nation with the well wishes of a host of friends. Where he will be assigned, following the close of the training camp at the Presidio, he has no information. He will very probably see service in Europe. He holds a first lieutenant's commission in the reserve corps.

Mrs. Callnon and the children will remain in San Bernardino.

POSTMASTER BLOHM RECRUITING OFFICER

Postmaster Blohm is now the official recruiting officer for the city of Upland and vicinity and men planning on enlisting should confer with Mr. Blohm as many details can be given by him.

The fact that there were a number of recruiting agents here from Los Angeles recently looking for recruits for a company to be organized there brings to the public attention the fact that Upland would get no credit for men who went from here to Los Angeles or to other counties to enlist. Men who want to enlist in localities where there are no recruiting officers should go to their postmasters. Application may be made with these postmasters and then their county and city will get full credit for their enlistment, no matter where they are placed, or what arm of the service they get into.

The importance of this may be fully realized when it is known that in case of draft or conscription the full quota of men will be required from each county, regardless of how many have gone from there to other counties to enlist. San Bernardino county has already lost credit for quite a number of men whose homes are really here but who have enlisted from schools or from some place where they have been temporarily located.

UPLAND WINS IN Y. M. C. A. TRACK MEET

Nearly a thousand grammar school folks and friends crowded the grounds at Chaffey Saturday last to enjoy the annual Y. M. C. A. track meet and festival day. From China and George Junior Republic on the south and west to Rialto and Colton on the east the happy children came by automobile and by motor truck, on bicycles and afoot and even by a great wagon with four-horse team. Upland was perhaps represented by the greatest delegation from any school and the green and red colors were seen on every hand. The Alta Loma school was splendidly represented, and Cucamonga was represented by two teams.

The trial heats were run in the morning in the dashes, and this helped to relieve the rush in the afternoon. The drills and folk games were given on the new cement tennis courts before the noon hour, and the bleachers were crowded.

Central grammar school of Ontario won the spelling contest, and carried home the cup in triumph. Mr. Ralph Williams was in charge of the contest.

EDDIE PULLEN, MANY FOREIGN AND LOCAL SPEEDSTERS PAY A COUNTY TRIBUTE

THREE LOCAL DRIVERS AND TWO WOMEN CAUGHT BY TRAFFIC COPS

SPEED BUGS GET NIPPED

San Bernardino's Coffey Richer by \$320 as Result of Many Wishing to Go Some Place in too Great a Hurry.

As the result of fines levied on speeders during the month of April by Judge Crane of the local police court, San Bernardino county is richer by the sum of \$320. Eddie Pullen, famous racing car driver, appears in the following list while two women and three local drivers were stopped by traffic officers.

Criminal

April 2—Fred J. Toole, speeding. Fined \$10. Paid.

April 3—Clifford Strong, speeding. Fined \$5. Paid.

April 3—Lee Stagg, speeding. No appearance.

April 3—Fred Laidlaw, speeding. Fined \$10. Paid.

April 3—Robert T. Cain, speeding. Fined \$20. Paid.

April 3—A. A. Phillips, speeding. Fined \$5. Paid.

April 4—Ben Smith, speeding, variance. County jail 15 days.

April 5—H. H. Plum, tall light out. Case dismissed.

April 6—Gordon Parke, speeding. Fined \$5. Paid.

April 6—W. G. Gardion, speeding. No appearance.

April 6—P. L. Johnson, speeding. Fined \$5. Paid.

April 7—Jose Gomez, polluting domestic water. County jail for 60 days.

April 9—C. B. Matthews, speeding. Fined \$5. Paid.

April 9—Mrs. T. H. McCorkle, speeding. Fined \$10. Paid.

April 10—W. Taylor, speeding. Fined \$10. Paid.

April 12—J. W. Faxon, speeding. Fined \$5. Paid.

April 16—H. Rogers, speeding. Fined \$10. Paid.

April 16—Bert Rathford, burglary. No arrest.

April 16—C. A. Miller, speeding. Fined \$10. Paid.

April 16—J. S. Burtch, speeding. Fined \$10. Paid.

April 16—E. W. Stormer, speeding. Fined \$10. Paid.

April 16—L. R. Blitcz, speeding. No appearance.

April 16—H. Block, speeding. Fined \$10. Paid.

April 19—William F. Daley, Jr., speeding. Fined \$12. Paid.

April 19—Paul Saunders, speeding. Fined \$10. \$5 paid.

April 19—R. R. Brownson, speeding. Fined \$10. Paid.

April 19—Miss Lella Jamison, speeding. No appearance.

April 19—E. B. Draper, speeding. Case dismissed. Emergency case.

April 19—E. F. Quinn, driving motorcycle while intoxicated. \$30. Machine held for \$30.

April 23—C. C. Rider, speeding. Fined \$15. Paid.

April 23—J. E. McMillan, speeding. Fined \$10. Paid.

April 23—J. F. Bigelow, speeding. Fined \$10. Paid.

April 23—T. Shaw, speeding. No appearance.

April 23—E. J. Willis, speeding. Emergency case. Complaint dismissed.

April 23—A. S. Johnston, speeding. Fined \$15. Paid.

April 23—J. H. Montier, speeding. No appearance.

April 23—A. H. Thayer, speeding. Fined \$10. Paid.

April 27—O. S. Greenwood, reckless driving. Sixty day suspended sentence.

Recorder's Court

April 2—Francisco Sandoval, drunk. Twenty-five day suspended sentence.

April 2—Gregora Hernandez, drunk. Twenty-five day suspended sentence.

April 21—Frank Nort, drunk. Twenty-five days in county jail.

We still have a nice line of hats at the greatly reduced prices. The Elite Millinery.

Walnuts in nearly all sections of Southern California are setting full.

(Continued on Page 8)

MILL CREEK-SANTA ANA ROUTE OPENED MONDAY

Mill creek-Santa Ana route into Bear valley was opened Monday. Road Commissioner L. R. Lothrop announced, and Thursday of this week will see the opening of the crest, which is now in excellent condition as far as Green valley, from where the road crew is pushing on into Bear valley through the "snowslide" region.

The first machine came out of Bear valley via the Clark hill and the Mill creek Sunday, and Monday the stages of the San Bernardino Mountain Auto line went up over the route. A good car will have lit

tle difficulty in making the trip and within a few days it will be in good condition.

The supervisors plan to reverse the hours in the "block" system on the Mill creek road, sending the cars up from Harvey's on the odd hours and down from Mountain Home on the even hours. The county will maintain a man at each end of the "block" in which the road is too narrow in places for cars to pass. Should a car fail to get through the block within the hour it must come to a standstill in the clear, and wait for the next hour.

Don't forget our Biz Sale is still on this week, at the Elite Millinery. 521 for you.

STATE FRUIT GROWERS CONVENTION

State Commissioner Hecke and a live wire committee at Riverside are making every preparation possible for a great State Fruit Growers' convention to be held at Riverside June 4-8. Riverside is a beautiful place and ample accommodations are assured. The program is not yet announced. We assume it will be largely tinged with discussions as to the state's fruit culture. However, many of the graver questions of today will have place on the program. Riverside is saying "Come, a genuine Riverside welcome is here for you."

THE UPLAND NEWS

WILLIAM E. WESTLAND, Editor and Proprietor
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THURSDAY, MAY 10, 1917

APRIL, May, and June are the best months, scientists tell us, in which to actively conduct the anti-fly campaign, and they also have announced that there are many reasons to believe that there will be more flies this season than for many years. As the killing of one fly now means that there will be millions and even trillions less next summer, it is "strictly up to" every housewife to begin at once, if she has not already started in upon the anti-fly campaign, to systematically swat every fly she finds, and, if possible, burn the body or bodies.

The fly has no equal as a germ-carrier, and as many as five million germs have been found in and on the body of a single fly. It is now definitely known that the common house fly is the "carrier" of the germs of typhoid fever, and it is very probable that the same fly is the official means of conveying other disease germs, notably that of infantile paralysis. As the farming and orange districts, because of the presence of fertilizers, provide ideal breeding places for flies, especial care and pains should be taken to keep the pest down. These first warm days are just the times to kill every fly in the screen porches, and if that is done, persistently and consistently, while plenty of gypsum is used about the stables, the later summer should see very few flies. The big traps, so easily made by the boys, are also a great help, if placed near the back door, just outside the house.

So kill flies and save lives!

And begin to do it now!

WHAT is to be the effect of the war on the business of the United States? A significant answer is contained in a recent advertisement in the Literary Digest. The advertisement was published by Canadian newspapers and contained testimonials from a number of large and well-known concerns as to the state of their business in Canada. They unite in the declaration that it has been eminently satisfactory—in some instances has increased to an astonishing extent.

The International Harvester company of Canada reports that it expects to be "fully occupied for some time after the war is over." The Studebaker Corporation of Canada reports an increase of 80 per cent in net sales for 1916 over those of 1914. The Columbia Gramophone company states that its business in 1915 was greater than ever before and that the total for 1916 was just 100 per cent greater than for the previous year.

The National Cash Register company gives testimony to the same effect. Business in 1916 was 40 per cent greater than in 1915. It adds that "collections were exceptionally good, indicating there was no shortage of money throughout the country." The DeLaval Dairy Supply Company, Ltd., states that the war has not affected it adversely; that it has manufactured more cream separators than ever before in its history. And so on through the list.

Canada has been at war for nearly three years, sending great numbers of men to the front, utilizing its available resources to the utmost, bearing its full share of the struggle. But these efforts have assuredly not spelled disaster for manufacturers and Canadian business. It is safe to assume that our participation in the war, which is likely to involve a much smaller sacrifice than Canada has made, will prejudice American business even less.

That, of course, is the attitude of the American business community. When Europe went to war American business was anxious and uncertain. When America went to war it was calm and self-contained. It had had a chance to understand the problem better, to take stock of itself. As an evidence of this state of mind we may take the authentic statement that the great national advertisers of America, far from contemplating retrenchment in their expenditures for newspaper and magazine space, are preparing in many cases to place larger orders than ever.

There is thus every reason for business confidence. With an assured market for everything that can be produced or manufactured, with a financial organization fully capable of meeting the needs of the situation and any special emergency that might arise, and with the possession of the largest stock of gold ever accumulated in any country in the history of the world, the United States is as well protected against mischance as is humanly possible under the circumstances.

CIFFORD PINCHOT, a national leader in things conservative, said recently: In this great time, when every citizen must do his part, the president has made his chief appeal to the men who live on the land. He is right in doing so, for the safety of our country just now is in the hands of our farmers. What I mean is not merely our safety and the safety of our allies in the matter of food. I mean that the safety of the United States against foreign invasion hangs on the decision of the farmers of the forty-eight states.

The two great weapons in this war are arms and starvation. The war against German arms will be won or lost in France—the war against starvation will be won or lost in America. The kaiser cannot whip the French and English armies and the English navy while England has food. But it is still possible that the German submarines may be able to keep food enough from reaching England to starve her into submission.

If the submarines win, the first item in the kaiser's terms of peace will be the English fleet. With the English fleet in his possession, the kaiser will be master of the world.

What will happen to us then? Every man who stops to think knows the answer. We shall have money, food, labor, land—everything that is desirable in the world except the power to protect what we have. Experts estimate that it will take us nine months to get ready to meet a German army of even 150,000 men, with modern artillery. Under such circumstances, would the Germans treat us better than they have already treated Belgium and France?

Even if the armies of our allies should crush the German military power this summer, before the shortage of food can reach the point of want, the world would still need vast quantities of American food. But if they do not, only one course can make us safe, and that is to grow enough food on our farms for ourselves and our allies, and to put ships enough on the sea to carry the food, in spite of the submarines, to the men who are fighting our fight.

If the war lasts beyond this summer, it will be the American

farmer who will win or lose the war, who will overcome militarism and autoeracy, or allow them to spread and control the world, ourselves included.

This is no fanciful picture, but sober fact. Many a man will make light of it until he comes to think it over, but I venture to say that few will treat it lightly after careful thought. It is no more impossible than the great war itself appeared to be, only a few days before it began.

It is true that we can greatly increase the available food supply out of grain now used in making liquors, and by reducing household waste. But when these two things are done, and done thoroughly, they will not be enough. The final decision will still rest in the hands of the men who raise our food in the first place.

The clear duty of the nation is to guarantee the farmers a fair price for their crops when grown, and a reasonable supply of labor at harvest. The clear duty of the farmer is to raise food enough to win this war for democracy against kaiserism.

No such responsibility has ever rested on any class of men since the world began as rests today on the farmers of America.

WOMAN'S LAND SERVICE LEAGUE IN AMERICA

American women today are responding so eagerly to the back-to-the-land call, and are becoming so much interested in agricultural pursuits, that the Woman's National Farm and Garden association has organized a new committee to be known as the Land Service League. Mrs. M. E. Hamilton, chairman, and Miss Harriet Bradner, field secretary, have drawn up a definite program for "a nationwide campaign for the employment of women in agricultural pursuits, conducted . . . (a) as a life work; (b) as supplementary to household activities; such pursuits to include vegetable gardening, . . . fruit culture, dairying, . . . general farming. . . .

"Many industries formerly conducted in the home have, since the introduction of machinery, been taken to the shop and factory," so reads this program, in part. "The woman in the home has much non-productive time, the utilization of which, in the production of food supplies, will contribute to the wealth of the family and to the nation, and, incidentally, to the happiness of the woman."

This Land Service League is working out, together with the New York State College of Agriculture, a program of cooperation which it hopes to have paralleled, or modified to suit local conditions, in every one of the United States. This program reads as follows:

"To encourage production of more food.

"To produce food economically.

"To secure better utilization of food.

"To conserve surplus food through canning and storage.

"To show the value of some foods not generally utilized, such as wild berries, windfall fruit.

"To induce efficiency in marketing for benefit of producer and consumer."

The league announces further its intention to stir up interest in agricultural work by lectures, mass meetings, motion pictures, lantern slides, circulars and all such methods. The members wish to profit by the example of women in England who have done such excellent work in agriculture through their similar organization.

The method of work which they have drawn up includes the sending of representatives into every community of the United States to interest women in education in agriculture, to organize groups and connect them with the various state agricultural colleges where they may attend lectures, see demonstrations and have their work generally supervised. Home gardens, school gardens, demonstration gardens and community gardens—all these they mean to encourage. Another point they make is the standardization of hours of labor where women are concerned, by developing shifts of labor.

"There are great opportunities for women in both agriculture and agriculture today; there is no doubt about that," said Miss Hilda Loines, general secretary of the Woman's National Farm and Garden association, to a representative of the Christian Science Monitor, "and our great value as an organization just

now is that we have a trained body of women composing our membership and so ready to join the Land Service League. We are making it our business to connect women and jobs all over the country, to advise those who wish to start gardens and to stir up community interest in children's gardens. Moreover, we are listing courses in these subjects which are open to women, in various institutions and botanical gardens.

"Women have proved over and over again that they are successful at making things grow; they can raise vegetables, as well as flowers. Since the farmers complain that men will not stay on the land to farm it, why should not the women who are interested in the work take it up? They would reclaim a great deal of land, now just going to waste, and would help bring down the cost of living by increasing the crops. Moreover, they would see to it that the produce which formerly the farmers were obliged to leave in the fields to spoil, because of lack of help to gather it and ship it to market was no longer wasted. And those fruits and vegetables that the women could not get to market in their raw state, they would probably can and then send out in that style. It does really seem that the field of agriculture is big enough to admit all who are interested in it. We get many enthusiastic letters from members of our association, women in various parts of this country and Canada, telling with enthusiasm of what they are doing with their gardens.

"One of our members has written us of an interesting scheme which she offers as her contribution to the Land Service League. She opens a small fruit and poultry farm upon which she proposes to establish a school of agriculture and furnish work for six women, a minimum of 30 hours a week, for which they will be paid the regular rates of the community, and also to give lectures with practical applications on various allied agricultural subjects."

PUBLIC EMPLOYMENT BUREAU OF STATE OF CALIFORNIA

The spring drive for employees is on at the Public Employment Bureaus of the state of California. The San Francisco offices alone have received applications for 694 employees during the first four days of this month, or 285 more than were received by the bureaus in Sacramento, Oakland and San Francisco during the entire month of February, 1916, when they were organized. It is estimated that the San Francisco offices will receive applications for an army of about 4000 employees during the present month.

The report just issued by State Labor Commissioner John P. McLaughlin shows that during the four months the bureaus have been in existence, they have received applications for 74,358 employees and referred 69,410 men and women to these positions, and that the state during this period has found work for 57,906 people, the great majority of the positions being permanent. It is of interest to note how these placements were divided: 1916, February, 1526; March, 2089; April, 3286; May, 4212; June, 4981;

July, 4869; August, 5952; September, 6502; October, 5134; November, 4,464; December, 3428; 1917, January, 3551; February, 3123; March, 4790.

The month of March which was expected to be dull from an employee's standpoint proved to be the reverse. There were 6523 employees requested at the four state employment bureaus as compared with 2554 for the corresponding month a year ago. The offices found work for 4790 persons or 2701 more than during March, 1916.

The San Francisco bureau, since its organization, has been drawn upon for 31,451 employees and sent 29,565 candidates to employers and succeeded in placing 22,680 of them; 32,295 men and women made application for work during this period. During the past month, this bureau found work for 1081 more persons than during March a year ago, and there were 1813 more positions that the bureau could offer as compared with the same month.

The Sacramento bureau has received applications for 11,258 employees and filled 8538 positions. Applications for work were made last month for 527 men and women, and 265 more persons received work there last month than during March, 1916, the number being 355.

In Oakland the state also made an excellent record, receiving applications for 11,846 employees and getting placed 8875 of the men and women selected. This office filled 769 positions as compared with 501 for the same month a year ago.

At Los Angeles the state has found work for 17,813 people, the employers asking for 19,803 employees and 18,596 candidates being referred to them. During the past month Los Angeles bureau filled 1676 positions, exceeding March, 1916, by 1087 positions.

The wide range of positions filled by the state is seen by the following, which shows the class of work and the number of persons receiving work through the bureaus during the past fourteen months: Agriculture, 5187; building and construction trades, 7277; clerical and professional, 679; factories, 1159; foods, beverages and tobacco, 542; hotels, restaurants, apartment houses and office buildings, 7565; lumber and timber, 2327; metals and public utilities, 11,890; wholesale and retail occupations, 1866; miscellaneous positions, 13,595.

Labor Commissioner McLaughlin has offered the services of the state employment bureaus to the federal government during the present crisis, as it is believed that through the comprehensive survey and information this state department has on the labor situation, valuable assistance may be rendered.

AGRICULTURAL NOTES

Siam has planted 200,000 acres more to rice this year than last.

Florida's shipments of oranges are so far much behind last year's.

The United States secured from Odessa, Russia, last year 334,000 pounds of beet seed.

Frozen oranges from Florida last month brought as low as ten cents per box on the Chicago market.

Over a million and a quarter acres of land in the United States were devoted to raising tobacco in 1915.

Several cars of frozen and decayed Florida oranges were ordered dumped from the rails in Pittsburgh last week.

Japan has harvested an enormous crop of rice, more than 12,000,000 bushels in excess of her last year's crop.

Bean oil is being shipped to Seattle in large quantities from Dairen, Manchuria. Counting shipments made since February 1 and those now on the way the total is 40,000 tons.

New Zealand's average yield of wheat per acre during 1916-17 harvest was 25.15 bushels; oats, 30.88 bushels. The total yield of these grains is much less than the previous year.

Estimated shipments of fruits to the United States from the Porto Rico Fruit Growers' league from March 10 to July 1 will be 44,000 crates of pineapples, 91,000 boxes grapefruit, 7500 boxes oranges.

The handling of modern tractors and other improved farm machinery is being taught to mutilated French soldiers in the great school at St. Etienne which is devoted to training the crippled veterans to work suited to their disabilities.

The area of the Bermuda onion crop for Texas for 1917 was estimated on March 15 at 12,050 acres, an increase of about 2000 acres over the area for 1916, when that state shipped out 4903 carloads. The average yield per acre last year was 225 crates.

"If we are to have war, we must have roads; if we have peace, we must also have roads. It may be that I can be of the most service to my country, whether in war or in peace, by promoting in every way possible the building of better highways," said Senator Bankhead at the big roads celebration at Birmingham, Alabama, April 7.

A law passed by the national congress of Peru at its last session and approved by the president of the republic on February 10, 1917, provides for a prize of \$500 to be awarded for the best text from which to teach temperance in the public schools of Peru. Intemperance, especially in the mining regions, is said to be a serious problem in Peru and Bolivia.

The Automobile Association of America has prepared a special transcontinental map containing the present main travelable interstate and intrastate roads which would fit into a countryside system that would lend itself in great degree for military purposes. One of these maps goes to President Wilson, one to Maj. Gen. Hugh L. Scott, one to Brig. Gen. Joseph E. Kuhn of the war college division, and a fourth to Director W. S. Gifford of the Council of National Defense.



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CONDENSED STATEMENT

FROM REPORT TO COMPTROLLER, MAY 1, 1917.

Resources	Liabilities
Loans and discounts.....\$255,253.08	Capital Stock.....\$ 50,000.00
Bonds and securities.....53,753.17	Surplus and undivided profits.....11,507.25
Stock of Federal Reserve Bank.....1,050.00	Circulation.....13,000.00
Banking house, furniture and fixtures.....18,654.26	Deposits.....334,869.02
Due from U. S. Treasurer.....700.00	
Cash and sight exchange.....79,965.76	
\$409,376.27	\$409,376.27

The Above Statement is Correct.

D. E. DOBBINS, Cashier.

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D. E. DOBBINS, Cashier
ISAAC C. BAXTER, Vice Pres.
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Cucamonga South Side

Interesting Happenings Gathered by a News Special Representative in and About Cucamonga South Side

Arthur De Berard spent last week looking after business interests near Wellton, Arizona.

William Anderson was a week-end visitor in the Angel City.

F. A. Lucas journeyed to Ontario on business Tuesday morning.

Mr. and Mrs. C. S. Pearce and Mrs. Helen Somerville shopped in Upland Saturday evening, after which they enjoyed the program at the Colonial.

Mr. and Mrs. M. Madison, of Los Angeles, formerly of La Grange, Ill., were guests Saturday at the home of Mr. and Mrs. John Whitson.

Mr. and Mrs. A. S. Sargent, Herbert Wilkerson and daughter, Mrs. Flora Carter, motored out from Hynes Sunday for a day at the Bishop-Wilkerson grove.

Miss Florence Prange of Alta Loma was a week-end guest of Miss Hazel Anderson.

Leo Lucas is running the big Holt tractor this week for the Lucas Ranching company. Good work!

Mrs. Sam Whitson and little daughter, Eleanor, of Ontario, spent Friday with her sister, Mrs. Henry Whitson.

Mr. and Mrs. A. G. Markham and Mr. and Mrs. John Needham enjoyed a motor trip to Colton, San Bernardino and return Sunday.

F. M. Garrard will leave this week for Big Bear valley.

E. G. Eymann spent Sunday fishing up Lytle creek way. It is said he succeeded in robbing the babbling brook of one big trout, anyway, and reports fishing at this stage of the game rather slow sport, the fish not yet having warmed up to the occasion.

Misses Alice and Antoinette Featherstone are driving a fine new bay team. On Tuesday evening they attended a chicken tamale supper at the St. Mark's church in Upland, a very enjoyable affair. Installation of officers was held after the supper was served.

Roy Booth and family, with Master Dan Phillips, enjoyed an "auto-ride" in Cucamonga canyon Sunday.

Robt. Heath, who has charge of the Graham vineyard on Turn r avenue, celebrated Ralsin Day in Fresno, returning home Monday.

F. M. Garrard entertained Sunday his daughter and family from San Jacinto, Mr. and Mrs. Theodore Krysto of Pomona and his son Col- onel.

Homer and Bessie Stipe motored to Ontario Monday evening to attend a historical lecture.

Mr. John Whitson attended the three-day conference of the Southern California Cong. churches.

Several motor parties, among whom were Mr. and Mrs. W. S. Fijlman, Mr. and Mrs. A. G. Markham, Mrs. Alice Phillips, and Mr. E. F. Luet, motored to the Riverside Chautauqua Wednesday evening to hear the "silver-tongued" orator, William Jennings Bryan, who spoke on "Food Conservation" and on a number of other interesting topics of the day and hour.

Frank Caldwell, grand knight of Pomona Council of Knights of Columbus, and Vincent G. Lucas, past grand knight, left Sunday night on the "Saint" for Chico, Cal., going as delegates to the state convention of Knights of Columbus. They will be gone a week, and will visit San Francisco and Mr. Lucas' brother, John Lucas, and family, at Willows, Cal., before their return home.

A merry little party auto-jacked in Stoddard's canyon last Sunday, Mr. and Mrs. A. Dolman, Mr. Homer Stipe, and Misses Bessie Stipe and Anna Phillips, being among the party.

Mrs. George Coffman, son Bradford, and Miss Marjory Burr attended the Y. M. C. A. annual track meet at Ontario Saturday afternoon.

Y. M. C. A. Track Meet

Principal A. E. Juckett and teachers, Miss Agnes Fox and Miss Ethel McCordine, with about twelve of the Cucamonga school students were present at the track meet Saturday.

The Cucamonga school won second place in the big spelling contest, Ontario winning first honors. Alma Van Fleet and Bradford Coffman carried away second honors in the 50-yard dash. Misses Maud Markham, Mary Lucas, Dorothy and Marjory Thurston, Theresa Stipe and Frances Van Fleet were among those taking part.

Progressive

The Ontario Power company are connecting up the following dwellings for electric wiring and installing electric stoves in each: residences of Mr. John Whitson, Mr. R. S. Joslin, Mr. Arthur De Berard, Mr. V. G. Lucas, Mr. F. A. Lucas and Mr. Leon Lucas. Archibald avenue can soon be lighted from "top to toe," as it should be. Will some one please make the motion?

Union Mission

Morning service at the mission was made especially memorable by the beautiful songs of praise as rendered by the evangelist singers, Mr. and Mrs. Jacqueman, of Glendora. And by the Holy Communion services held at the close of the service by the pastor. The morning theme was from II Peter 4, "Whereby are given unto us exceeding great and precious promises," stating that throughout the Bible God has given us more than 40,000 promises of love, faith, courage, forgiveness, sins, and the glory of salvation. A most wonderful thought to dwell upon.

The subject discussed at the

young people's meeting as led by Miss Anna Phillips, was "Spiritual Love."

In the evening the pastor began his series of sermons on the book of Jonah, saying that out of the sixty-six books of the Bible, the book of Jonah was one of the most important for the great lesson it teaches: stating that one and all should master the Bible, that we might get a real grip on the word of God. Jonah was called of God to do his work, just as God speaks to us today through the spirit. Many of us distinctly know what it is to be called of God. God calls men and women to repentance but many are those who deliberately turn aside and go the downward way. Lord, if thou hast given us any commission to do, any service to perform, do thou give us strength and courage so to do to thy glory. Amen.

Social

The entertainment committee of the Mission Aid is planning for a social to be given in the near future. Announcements will be given out next Sunday at the Union Mission.

May Day Festival at Guasti School

May Day was very delightfully celebrated by the Guasti school children with pleasing and appropriate exercises. A splendid May pole, covered with greenery, with the streamers of pink, green and yellow to correspond with the little girls' dresses. The queen of the May was the pretty little Miss Antonia Martinez, and the following program was enjoyed by a large crowd of parents and friends of the children, who did splendidly, speaking in clear, beautiful English and wearing pretty costumes.

Song, "America"—School.

May Day Play, "Crowning the Queen"—Seven children.

May Day in Other Lands—Fon-taine Coragliotti.

Winding the May Pole—Eight children.

Bird Riddle, "The Blue Bird"—Car-lino Revello.

Song, "Daffodils"—Eight primary children.

Recitation, "Violets"—Leon Olme.

Bird Riddles, The Swallow—Joe Olme.

May—Three primary children.

Song, May the First—Eleven children.

Bird Riddle, the Oriole—Frank Beltrametti.

Recitation, "Lady Apple Blossom"—Anna Laro.

Wand Drill (wands in red, white, and blue)—Twelve children.

Song, "Lovely May"—Eleven children.

Recitation, "The May Queen"—Mary Martinez.

Bird Riddle, the Linnet—Julio Signorio.

Song, "The Almond Tree"—Eleven children.

Recitation, "A Little Bird Tells"—Johnnie Giaccone.

Song, "Flowers of Spring"—Antonia Martinez.

Song, "Welcome, Queen of May"—School.

ALFALFA SEED WARNING

Commercial Turkestan alfalfa seed, which formerly came to this country through Europe, is now being imported into the United States by the way of Vladivostok and the Pacific ocean. Since July 1, 1916, two and one-half million pounds have been imported, or enough to seed 125,000 acres. Under most conditions it is decidedly inferior to American-grown strains, and no farmer should sow it thinking he is using American-grown seed. The following statements show how Commercial Turkestan alfalfa is regarded by experts of the United States department of agriculture:

"Generally speaking, Commercial Turkestan alfalfa has proved to be inferior to the American-grown strains in nearly every case where comparative tests have been conducted. In the eastern half of the United States, where alfalfa seed is not produced in commercial quantities, imported seed was used almost exclusively until within the past few years. Of the several million pounds of alfalfa seed that have been imported annually, approximately 95 per cent came from Turkestan. This fact is responsible for many of the failures that occurred with alfalfa in the Eastern states. In brief, the Commercial Turkestan alfalfa yields less than the American-grown strains, is shorter lived, and is less hardy than the Grimm, Baltic, and Canadian Variegated."

The latter are slightly larger than alfalfa seeds and cannot be entirely removed by any known method of recleaning. Their chalky-white color makes them especially conspicuous, and their symmetrical form, being slightly wedge shaped, serves to distinguish them from the notched seed of other similar weeds, which often occur in Italian and other alfalfa seed. As the seeds of Russian knapweed are not usually abundant, a small trade sample should never be used to determine whether the seed is Commercial Turkestan alfalfa. It may often happen that a number of small samples, such as are usually supplied by the trade, contain none of these seeds, while an examination of the bulk will show them to be present. If any seed of Russian knapweed occur, the alfalfa seed is wholly or in part from Turkestan."

The Seed Laboratory, U. S. department of agriculture, Washington, D. C., will examine half-pound samples to determine their possible Russian Turkestan origin, or small samples of imported seed containing the characteristic seeds of Russian knapweed will be sent on request.

TRADING STAMPS

The state legislators have passed a bill making it an offense to give premiums or trading stamps as an inducement to cash trading except by paying a prohibitive tax, to-wit: \$6000 a year license. Whether this is class or freak legislation or not, we do not presume to discuss—the law exists, hence we abide by the law. Our contract with Sperry & Hutchinson Co. expires July 8, 1917, so we take this means of informing our patrons that on that date, viz.: July 8, 1917, practically eight (8) weeks from now, we will discontinue giving trading stamps at our store. We know some of our customers will be grievously disappointed at this news, but as the effort to provide the best values during the unprecedented rise in costs of merchandise is becoming greater every day, we believe it will in the end be to the advantage of the consumer. Collectors of stamps will have ample time to fill their books—eight weeks, to be exact—during which time the bulk of the season's buying will be done.

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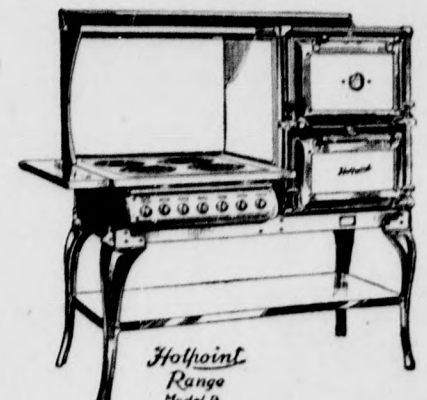
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Society

Merry Wives—

Mrs. W. L. Brown was hostess to the members of the Merry Wives Embroidery club and a few invited friends. While the guests were busily working on fancy work, the club was divided into sections to work on the sewing for the Red Cross. Five dollars was also voted from the treasury for the Red Cross benefit. Mrs. Bradley presented the work of the Red Cross to the members at the request of the hostess. Delicious refreshments were served by the hostess, assisted by her daughter, Miss Vethetta, and Miss Clara Lou Nisbet. The guests of the afternoon were Mrs. L. R. Brad-

ley, Mrs. P. H. McQuillen, Mrs. Jas. Edwards, Mrs. E. O. Bowden, Mrs. W. C. Cline, Mrs. D. D. Crew, Mrs. Paul Cushing, Mrs. W. B. Duncan, Mrs. C. K. Francisco, Mrs. Arthur H. Johnson, Mrs. P. O. Long, Mrs. F. H. Manker, Mrs. N. G. Pehl, Mrs. Evert B. Reynolds, Mrs. William C. Reynolds, Mrs. Chas. Sikes.

Birthday Surprise Party—

Mrs. J. P. Hogan of East Ninth street was the recipient of a delightful surprise on May 3, when a number of her friends of Ontario, Upland and Chino called upon her with well-filled baskets of dainty refreshments and abundance of beautiful flowers, to help her celebrate her birthday. The house was decked in roses and sweet peas. In the course

of the afternoon vocal and reading selections were rendered by Mrs. J. Kenna, while Mrs. J. Schrader presided at the piano. One of the most delightful features of the afternoon was the good, old-fashioned Irish jig by Mrs. Hogan and Mrs. B. Chaffee, Mrs. P. Brogan and Mrs. Anna O'Brien. Words of congratulation were spoken by Mrs. E. Klise. Those who enjoyed the occasion were:

The D. of U. S. club met at the home of Mrs. S. M. Love on Wednesday, May 2. A most enjoyable afternoon was spent in fancy work and pleasant conversation. A delicious two-course luncheon was served by the hostess to the following: Mrs. A. Dingler, Mrs. Earl Maurer, Mrs. A. C. Hart, Mrs. A. Teague, Mrs. H. Strunk, Mrs. J. D. Mitchell, Mrs. Allen, Mrs. S. A. Tucker, Mrs. Gundy, and the Misses Anna and Jennie Seager, Misses Mary and Lottie Hart, Miss Luella Love.

Many beautiful presents were received.

Mrs. Love Hostess—

The D. of U. S. club met at the home of Mrs. S. M. Love on Wednesday, May 2. A most enjoyable afternoon was spent in fancy work and pleasant conversation. A delicious two-course luncheon was served by the hostess to the following: Mrs. A. Dingler, Mrs. Earl Maurer, Mrs. A. C. Hart, Mrs. A. Teague, Mrs. H. Strunk, Mrs. J. D. Mitchell, Mrs. Allen, Mrs. S. A. Tucker, Mrs. Gundy, and the Misses Anna and Jennie Seager, Misses Mary and Lottie Hart, Miss Luella Love.

Mrs. Kincaid Hostess—

Mrs. O. O. Kincaid was hostess to the members of the Wednesday Afternoon Bridge club yesterday, at her home on San Antonio avenue. The afternoon was spent in playing cards, and refreshments were served at the conclusion of the games. Those who accepted Mrs. Kincaid's hospitality were Mrs. C. E. Grier, Mrs. Torrens Pratt, Mrs. Charles H. Wimpess, Mrs. H. D. Derwin, Mrs. Tucker, Mrs. James H. Black, Mrs. R. N. Leahy, Mrs. William Catto, and Mrs. Harlow Scott Wilson.

Miss St. Amand Entertains—

Beautiful red roses were the flowers used in decoration by Miss St. Amand when she entertained her bride club last Wednesday afternoon, at her home on Euclid avenue. Three tables were arranged for cards, and the honors fell to Mrs. Glenn Atwood and Miss Mildred Ware. The guests numbered Mrs. Reid Bordwell, Mrs. Charles Pierce Fuller, Mrs. John Craig, Mrs. Glenn Atwood, Mrs. P. H. McQuillen, Mrs. Dalton Field, Mrs. Jedd F. Sawyer, Mrs. Paul Bodenhamer, Mrs. J. Lynward Grahame, Mrs. Fred Froehde, and Miss Mildred Ware.

Theatre Party—

A merry theatre party, composed of high school students, motored to Los Angeles last Tuesday evening to see "Nearly Married" at the Morosco, under the chaperonage of Mrs. Conger and Miss Margaret Swan. Those who went were the Misses Mary Clarke, Gladys Cole, Dorothy Van Wagenen, Marion Campbell, Ardis Richardson, Helen Mertz, Gertrude Isaacs, Nora Leahy, Ruth Shaefer, Earl White, Raymond Moremen, Eugene Fuller, Melvin Sikes, Audrey Armstrong, James Whitson, Harold Stevens, Clarence Andrews.

Ladies Sew for Red Cross—

The home of Mrs. G. A. Hanson, on Euclid avenue, was decorated with red and white roses and blue corn flowers, when a number of ladies gathered there yesterday afternoon and sewed for the Red Cross society. The guests were Mrs. Chas. V. Barr, Mrs. McKinley, Mrs. E. D. Palmer, Mrs. H. S. Wilson, Mrs. Jas. M. Webster, Mrs. H. E. Swan, Mrs. Thos. W. Nisbet, Miss Schumacher.

Mrs. Hart Hostess—

A. B. Class of the M. E. church was entertained by Mrs. A. C. Hart yesterday afternoon. Fancy work was the main feature of the after-

noon, followed by refreshments being served by the hostess. Mrs. Hart's guests were Mrs. W. M. Dundas, Mrs. Holden, Mrs. Warren Phillips, Mrs. S. E. Kirk, Mrs. Chas. Stanley, Mrs. Longanecker, Mrs. Stangle, Mrs. Francis McCormick, Mrs. Teague, Mrs. Robert Frownfelter.

Neighbors Club—

The Neighbors club met Wednesday afternoon with Mrs. Geo. Hall at her beautiful home on Euclid avenue at Tenth street. Red Cross work filled the hours. Mrs. Thos. Nisbet was elected president for the ensuing year. Mrs. Hall's guests were Mrs. Thos. W. Nisbet, Mrs. Bess R. Jones, Mrs. H. B. Koster, Mrs. John B. Morrow, Mrs. R. F. Lemon, Mrs. George Stamm, Mrs. Frank Buffington, Mrs. F. J. Miller, Mrs. J. M. Lyon, Miss Jenness Miller.

Woman's Club—

A short business session will be held on Friday afternoon this week, preceded by an executive board meeting, after which the members of the club will go in a body to the Red Cross rooms to sew. This is a very important meeting and a full attendance is desired.

Entertains Priscilla Circle—

Mrs. West Gernung was hostess to the members of the Priscilla Circle last Thursday at her home on Mountain avenue. A short business meeting was held, the circle deciding to continue its meetings through the summer months and sew for the Red Cross society. The afternoon was spent in making pillow slips for the Red Cross, and after serving ice cream and cake, the hostess being assisted by Mrs. Rider, some delightful music was listened to by the following members and guests: Mrs. W. F. Natel, Mrs. William Rohrig, Mrs. T. J. Cromer, Mrs. H. A. Hostetter, Mrs. W. B. Cavers, Mrs. Dinger, Mrs. Roscoe Dinger, Mrs. C. V. Lambarger, Mrs. Reynolds, Mrs. Charles Jensen, Mrs. S. Lewis, Mrs. R. N. Leahy, Mrs. Joel Smith, Mrs. Wilbur Rider, Mrs. Chas. Slick, Miss Kitchel, Mrs. Royal Miller, Mrs. MacCormick, and Mrs. Mary Lewis.

Double Wedding Today—

At three o'clock this afternoon occurred the double wedding of L. J. Linkey and Miss Queenie Marguerite Schumacher, Herbert Clesson Naylor and Elizabeth Esther Linkey, at the home of Eli Linkey, corner of Third avenue and Tenth street, Rev. Charles Wentworth, pastor of the First Methodist church officiating.

For the event the Linkey home was most artistically decorated in pink and white while the wedding party stood in a bower of roses and ferns during the double ring wedding ceremony. The wedding march was played by Mrs. Clayton Henderson and the ring bearers were Wallace Peters and Lester Linkey. The flower girls were Frances Linkey, Lucile Linkey, Ruth Peters and Lavon Kronmeyer. The brides were gowned in white silk taffeta and carried bouquets of Cecil Brunner roses. The maid of honor, Miss Verona Schumacher, wore a beautiful gown of champagne cool and carried a bouquet of American beauties. Theodore Sillcox was best man and the brides were given away by their fathers, August H. Schumacher and Eli Linkey.

Following the ceremony a three-course luncheon was served to the sixty guests who were:

Mr. and Mrs. Aug. H. Schumacher, Mr. and Mrs. Eli Linkey, Mr. and Mrs. P. M. Claasen, Mr. and Mrs. C. I. Linkey, Mr. and Mrs. E. J. Broyles, Mr. and Mrs. Christ Springer, Mr. and Mrs. N. T. Franklin, Mr. and Mrs. L. Kronmeyer Sr., Mr. and Mrs. L. Kronmeyer Jr., Mr. and Mrs. H. A. Dundas, Mr. and Mrs. J. B. Leaman, Miss Verona V. Schumacher, Miss Linda Claasen, Miss Dora Hermes, Miss Esther Clara Leaman, Mrs. F. McCormick, Mr. and Mrs. B. J. Caldwell, Miss Esther Winger, Mrs. Robert Klindt, Miss Jennie Plum, Miss M. Ladis, Miss Mary Thorndyke, Mr. Thomas Dowse, Mr. Charles Rice, Enos Leaman, Mr. Harry Plum, Mr. F. W. La Grange, children: Miss Arviella Leaman, Miss La Verne Leaman, Miss Ruth Peters, Miss Frances Linkey, Miss Lesta Linkey, Miss La von Kronmeyer, Wallace Peters; out-of-town guests: Mr. and Mrs. John Wesson, Mr. and Mrs. Arthur La Dow, Los Angeles; Mr. and Mrs. A. L. Eisenhower, Pasadena; Mr. and Mrs. C. Peters and children, Colton; Mr. and Mrs. C. W. Henderson, Daggett, Cal.; Mr. Raymond Wagman, Tulare county; Mrs. G. Rush, Ontario.

Gill-Hicklan—

At the home of Mr. and Mrs. W. R. Hawk of Upland, the Rev. Chas. Wentworth united in marriage Miss Bethany Kate Hicklan and Mr. Wilfred Gill of Lancaster.

The bride and groom are most estimable young people and after visiting friends and relatives in Los Angeles and Riverside for several days will return to Lancaster to make their future home. They received many useful and valuable gifts.

CANADIAN SOCIETY MONTHLY MEETING

The Canadian Society of Southern California meets on Tuesday evening May 15th, at 8 o'clock, at the Gamut club, 1040 South Hope street, Los Angeles. Dancing, cards, refreshments and a good time for all. Visiting Canadians are very welcome. Come and meet old friends.

A farm loan association has been organized in Gila county Arizona.

DR. C. C. RUDE TO BE WITH DR. WIMPRESS

Owing to ill health, Dr. C. H. Wimpress has been unable, for several months, to attend to his practice, and has just completed arrangements with Dr. C. C. Rude, recently from Illinois, to take charge of his office.

Dr. Rude is a graduate of the American School of Osteopathy of Kirksville, Mo., and during the past year has been taking post-graduate work at the Los Angeles medical department of the University of California. He has also been attending clinics in the Los Angeles county hospital and other hospitals in Los Angeles.

Dr. Wimpress stated to a News representative yesterday that Dr. Rude comes here very highly recommended by the members of the state board and other men of the profession, and that he had every confidence in his ability to give to the people of Upland a satisfactory and efficient care according to modern methods.

CHARLES D. ADAMS TO TALK TO AVOCADO MEN

The fourth semi-annual meeting and exhibit of the California Avocado association is to be held in the auditorium of Normal Hill Center, corner Fifth street and Grand avenue, Los Angeles, May 18 and 19, 1917.

Special emphasis is to be placed on the exhibit of fruits. In previous meetings the exhibits of fruit have attracted great interest, and is one of the most valuable features of the association meetings. It is expected that the exhibit at this meeting, which is to be placed in a special exhibit room, will be the largest and best ever held. The directors have decided that the exhibit shall be educational only and non-competitive. All growers of avocados are urged to make a special effort to install good exhibits of their fruits, as it is highly important in this early stage of the industry to extend the knowledge of varieties and of the possibilities of the industry.

Exhibits of nursery stock, diseases, etc., will also be welcome additions. Exhibits of nursery stock are limited to 6 trees from a single individual or company.

Exhibits are expected to be in place by 12 o'clock, May 18. Prospective exhibitors should notify the chairman of committee on exhibits, Mr. T. U. Barber, R. F. D. 2, Puente, California, of their intention to exhibit and the amount of space desired. Specimens forwarded for exhibit should be addressed to California Avocado Association, Normal Hill Center, Los Angeles, California. The exhibit will be closed while the association meetings are in session.

Regular Sessions.
First day, May 18—Afternoon session, 2:30 p. m. Presentation of papers will be held at 2 p. m. A portion of this session will be given over to the annual business meeting. Evening session, 8:30 p. m. Stereoscopic lectures and general discussion.

Second day, May 19—Forenoon session, 9:30. Afternoon session, 2. The program at the different sessions will include papers from well-known men in California and from various parts of the country. The following are some of the papers that will be presented:

Lloyd S. Tenny. Coral Reef Nurseries, Miami, Florida. "Avocado Marketing from the Florida Standpoint."

E. D. Vosbury. U. S. Department of Agriculture. "Varieties of Avocados in Florida."
Prof. I. J. Condit. College of Agriculture, Berkeley. "The Avocado in Central and Northern California."

Victor Hirtzler. Maitre de Cuisine, Hotel St. Francis, San Francisco, Cal. "Methods of Serving the Avocado."

Burdette K. Marvin. Riverside, Cal. "Notes on Methods of Pruning the Avocado."

C. P. Taft. Orange, Cal. "The Taft Avocado and Its History."

Charles D. Adams. Upland, Cal. "Notes on Avocado Varieties."

Effie S. Rolfs. Miami, Florida. "Marketing Avocados by Parcel Post."

Chas. F. Wagner. Hollywood, Cal. "The History and Performance of the Wagner, Lambert, and Surprise Avocados."

Prof. M. E. Jaffa. College of Agriculture, Berkeley, Cal. "Further Investigations of the Nutritive Value of the Avocado."

Prof. L. B. Scott. U. S. Department of Agriculture. "A Preliminary Report on the Comparative Merits of the Different Avocado Varieties."

Martin Fesler. Covina, Cal. "Notes on Avocado Growing."

Mrs. Margaret Stewart. Los Angeles, Cal. "My Experience in Growing the Avocado."

Symposium Discussion "On the Susceptibility of Avocado Varieties to Frost Injury." F. O. Poppenoe, Altadena, Cal.; H. J. Webber, Riverside, Cal.; T. U. Barber, Puente, Cal.

The headquarters of the association during the meetings will be at the Clark hotel on Hill street, between Fourth and Fifth.

California Avocado Association general office at Citrus Experiment Station, Riverside, Cal.

Stockmen of Okanogan county, Washington, recently met and discussed the losses to their stock from rabies which has been prevalent. Department of Agriculture Expert Averill said that unless a strong hand was taken with this trouble the losses to live stock would run into the millions.

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I cannot exactly say that "My ancestors came from old Sparta," but I can truthfully say that they have taken part in every struggle for liberty and freedom since the landing at Plymouth. I have expected the call since I was old enough to march, but fortunately until this time our nation has been at peace. Now I am not eligible for active service. But I will answer the call to use my physical and mental ability with the army of food producers. We must feed the great army at the front and the army of children and dependents at home. One man can do so much. If you are not capable for the great struggle at arms, it is your duty to get into the drill of producing some kind of food-stuff. There is abundance of good land and now is the time to lay hold. Farming is now on a higher plane than ever before. Until this war is over I will expect to be active in farming and helping start others. I have small tracts and large that should be occupied. Let me help you. If I should happen to be absent when you need my services, either in insurance, Building and Loan matter, or any other business matter, Mr. M. H. Bordwell will give it careful attention.

Yours truly,

M. F. Palmer

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Clara Kimball Young, in
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General Admission, 10c and 20c—no reserved seats

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LOCAL NEWS

Mr. and Mrs. W. C. McLean, who have been visiting their daughter, Mrs. Herbert Taylor, are so pleased with this part of the country that they have planned to stay here indefinitely, and are building an attractive bungalow on their property on Twentieth street west of Mountain avenue. Mr. McLean was connected with the city tax department of Omaha, Nebraska, for over thirty years and only retired last January. Mrs. Taylor's sister, Miss Agnes McLean, has also been her guest for some weeks.

Mrs. Roswell Brownson and little daughter Caroline were visitors to Los Angeles last Saturday.

Pay cash for your meat and save money. Zweigart's Cash Market, 21st. The Parent Teachers' association will hold its regular monthly meeting at the Eighteenth street school on Tuesday, May 15th, at 2 p. m. Election of officers will take place, and as this will be the last meeting before the summer vacation, a large attendance of the members is desired.

Mrs. Harriet MacCormick of Colorado is a visitor at the home of her nephew and niece, Mr. and Mrs. Kitchell.

Mr. and Mrs. C. V. Lambrigger motored to Los Angeles and Long Beach last Friday, returning Sunday evening.

We frame more pictures every day. Sikes-Mankie Co., 5212. Mr. and Mrs. William Springer report a very good time on their fishing trip to Matilija Springs last week. Over fifty machines were parked near the camp during their three days' visit, and the fish, although plentiful at first, soon became wary and more difficult to catch.

Mrs. J. B. Morrow is driving a Paige car, purchased through the agency of George Bunker.

Gifford Meredith is home for the summer vacation from Berkeley.

Mr. and Mrs. George E. Hall drove to Los Angeles last Friday to spend the day, Mr. and Mrs. Warren accompanying them.

Storage—Parties desiring to store furniture, etc. Inquire at Klindt's Grocery.

A new cement head ditch has just been completed by Emsley Robbins on the G. A. Hanson lemon grove on Mountain avenue.

About sixty people attended St. Mark's parish dinner, which was given in the Woman's club rooms last Wednesday. After the annual business reports had been heard, the parishioners elected the following gentlemen to serve as trustees and vestrymen of the church: Rev. A. L. Walters, E. B. Clark, B. B. Mann, J. M. Webster, G. A. Hanson, A. R. Hungerford, E. D. Palmer, W. F. Clark, Glenn D. Smith and C. E. Traphagen.

Don't forget finest cuts of meat at the lowest price at Zweigart's Cash Market.

Mr. and Mrs. Gernung spent Friday in Pomona and Claremont, driving over in their car, and visiting friends in both towns.

Mr. Robert Goertz left Tuesday for Los Angeles where he will be the guest of his brother, Mr. O. D. Goertz, for several days.

Mrs. C. C. Eymann returned from Los Angeles last Saturday after having taken a course of treatments for appendicitis for several weeks at Dr. Schultz's Naturopathic Institute and Sanitarium.

W. R. Hawk has sold his Tenth street grocery near Ninth avenue to Mr. Kemp of Pomona. Mr. and Mrs. Hawk are planning to go East again and will probably settle in Arkansas.

Miss Shadow, nurse at the local sanitarium, spent Tuesday in Los Angeles.

Mr. G. G. Isaac and family motored to Hollywood last Sunday and visited friends.

To operate your automobile successfully keep your batteries well charged. Battery charging at the F. C. Thomas Garage.

E. C. Mehl, Jas. Webster, Ralph Ware and E. H. Fuller went fishing the latter part of last week into the Big Bear country and as a result E. H. Fuller gets the price of the \$25 fishing outfit offered by the Mehl Hardware for the largest fish caught during the first seven days following the opening of the season. The fish weighed 5½ pounds and was on display in the Mehl Hardware window the fore part of the week.

The Sunshine class of the Mennonite Sunday school met at the home of Miss Esther Baer on Nineteenth and San Antonio on Wednesday evening. The next meeting will be at the home of Miss Bertha Schmidt on Tenth street.

Rev. R. C. Stone is confined to his bed with a bad case of the grippe.

Miss Anna Wilson and Miss Minnie Schmidt attended a recital in Pomona last Thursday night, given by the pupils of Mr. Stanley Widener. Miss Linda Schmidt was among the pupils taking part.

Mrs. L. L. Harms and Miss Onie Eymann spent several days last week in Los Angeles on shopping tour.

Mr. Arnold P. Weber spent Tuesday in Los Angeles.

Miss Rachel Burkholder, former nurse at the Mennonite sanitarium, came up from San Dimas last week and visited with friends in and around Upland. Miss Burkholder returned to San Dimas Tuesday.

The Misses Gussie Weber, Susie Haury, Margaret Ledig and Rachel Ledig were guests of Miss Helen Haury and Miss Ruth Ledig at Summer hall in Claremont last Saturday for the annual women's day festival.

Mrs. Addie Schafer and Miss Edna Reimer of Wadsworth, Ohio, who have been wintering in Southern California, arrived Thursday and visited several days at the home of Rev. and Mrs. A. S. Shelly. Rev. Shelly, Mrs. Shelly and Miss Marion accompanied their guests to Riverside on Tuesday by automobile.

Miss Marlon Shelly is visiting at Riverside for several days.

Mr. M. E. Titus, accompanied by Mr. Fred Hill of Claremont, motored to Lindsay on Monday, where he will look after his interests. Mr. Titus is planning to prepare his land either for bean growing or the raising of grain.

Don't forget finest cuts of meat at the lowest price at Zweigart's Cash Market.

Mrs. E. D. Smith of San Diego arrived Wednesday afternoon for a short visit with her daughter, Mrs. Lansing T. Vedder.

Miss Elizabeth McQuillen, accompanied by her niece, Maurine Bookwalter, spent Tuesday in Los Angeles and replenished her Voland line of cards, gifts and children's books.

Dr. F. F. Abbott gave the Tilliams of the Y. M. C. A. a most interesting and instructive talk on "First Aid" last Monday night.

Mrs. N. G. Pehl, Mrs. M. E. Titus, Mrs. P. W. Palmer, Mrs. L. T. Vedder, Mrs. R. C. Norton and Mrs. Elizabeth Burton were among the ladies of the Woman's club who attended the reciprocity meeting of the Ontario Current Events club on Tuesday afternoon. A very splendid program was enjoyed by the ladies.

Mrs. R. B. Bordwell and Mrs. J. L. Grahame were among the Tuesday shoppers in Los Angeles.

Friends of Mrs. Leonard B. Fowler, soprano, of Ontario, will rejoice to know that she will sing at the Sunday morning service in the Presbyterian church.

Mrs. Harlow S. Wilson and Mrs. Chas. V. Barr spent Tuesday in Los Angeles.

The News man and his family are indebted to Amos Allen, Upland's official fisherman, for several mountain trout from San Antonio canyon.

Mr. Allen states that fishing in Bear valley sections will be far better on June 1st than at present.

Born—April 19th, to Mr. and Mrs. A. Jas. Alderfer, a son.

Born—April 22, to Mr. and Mrs. J. M. Steine, a son.

The annual meeting of the County Y. M. C. A. is to be held in Colton at the Presbyterian church there on Tuesday evening. Fifteen or twenty men will attend from here and those desiring to go should confer with D. E. Dobbins or County Secretary A. H. Maxwell. Rosco Goodcell of San Bernardino and J. W. Greathouse of Los Angeles are to be the main speakers of the evening.

J. L. Leaman and two sons, Irvin Linker, S. R. Swigart and E. F. Broyles motored to Tulare last Saturday and attended the love feast of the Brethren church there on Sunday. On the return trip they were accompanied by Raymond Wagaman.

J. B. states that the Mitchell six with the boys driving did the distance in a fine manner.

Wm. Rohrig is driving a new Reo purchased this week of Geo. Bunker, local dealer.

Major R. R. Herrington and Mrs. Herrington arrived here last week from Chicago and will make their home in California, and friends residing here are endeavoring to persuade them that they should make their home in Upland. For 35 years Major Herrington has been with the A. B. Dick company, but has now retired from active work. Major and Mrs. Herrington are uncle and aunt to J. F. Sawyer.

Mrs. W. C. Harris of Bakersfield is spending the week here, the guest of Mr. and Mrs. W. E. Westland.

A deal has just been closed by which D. D. Crew is now the owner of the Upland Planing mill. Mr. Crew has been connected with the mill for several years and is thoroughly familiar with its operation.

J. H. Singer left here this week for Recordo, New Mexico, where Mr. Singer has farming interests.

W. R. Hawk, who recently sold his Tenth street grocery, left this week, together with his family, for Tennessee, where they will make their future home.

E. P. Fuller is out again after several weeks' tussle with rheumatism. E. P. says the only advantage he found in the rheumatism was the fact that a pair of trousers he bought several years ago now fit him nicely since he lost about 50 pounds in weight.

RED CROSS NOTES

On Saturday evening a well attended and thoroughly interesting meeting was held at the Red Cross headquarters.

The officers of the chapter are: President, Mrs. Ed. C. Harwood; first vice-president, T. R. Wood; second vice-president, Mrs. J. H. Payne; secretary, H. M. May; assistant secretary, Mrs. Bess R. Jones; treasurer, R. F. Lemon.

Reports on work and supplies were given by Mrs. E. W. Thayer of the military relief committee, Mrs. John Crang, surgical supplies committee; Mrs. L. R. Bradley, committee on auxiliaries; Mrs. Jones, committee on classes.

Special notice should be taken of the fact that through the furnishing of material at cost, notably by J. J. Atwood and P. H. McQuillen, and the careful cutting of the workers, a great many dollars have already been saved on the boxes that have been filled with surgical and hospital supplies. Speaking of boxes, reminds the reporter that D. D. Crew has contributed the labor required in the construction of the packing boxes which must all be made according to government specifications.

At the meeting Saturday night Mr. Booth of the high school spoke on home gardening, and Dr. Abbott on vegetable preserving.

Some of the ladies have already taken up the canning of vegetables, according to the process recommended by the University of California. In the near future there will be an exhibition of some of their finished products.

In the past week there have been a number of additions to the membership, among them nine Japanese, Mr. and Mrs. Okamoto, Mr. and Mrs. Fukuda, S. Ishida, I. Tanade, M. Ito and G. Kijima. The Japanese have a wonderful Red Cross organization with a membership which puts the United States to shame.

A men's class in First Aid under the direction of Dr. Abbott will meet for the first time at the headquarters on Thursday evening at 8 o'clock. There is room for one or two more members and no one who is able to take advantage of this opportunity should lose it.

The coming winter will find our supply of canned vegetables very short—not because of lack of vegetables, but because of the great scarcity and high price of tin. The demand promises to be greater than we have ever known. At present asparagus is plentiful and cheap. For those who usually buy tinned asparagus we suggest the following process which has been tried this season and found practical and good. A few bulletins from Berkeley containing valuable recipes are still available at the Red Cross headquarters.

Canned Asparagus
Grade into large and small sizes. Cut into lengths to fit the containers. This is conveniently done by making a small box the depth of the jars, open at the top and one side. The red end of the stalks are placed in the box against the closed end; the butt protrudes from the other end, and may be cut off flush with the edges of the open end of the box. Blanch the stalks in boiling water for two to four minutes. Pack into jars with tips up. Cover with a hot 2 per cent brine (2½ tablespoons of salt and 2½ cups of water.) Place open jars in a boiler and boil one hour. Seal; cool slowly and tighten lids.

LIBRARY NEWS

About 175 magazine cases have been received at the library and, as rapidly as possible, are being filled with those magazines which need to be preserved, yet are not of enough value to the public to be bound. These in their neat cases of green, labeled, will be arranged alphabetically with the bound magazines and will then be easily accessible to the public.

Seventy-five books are to arrive from the County Free library this week and will be available Friday.

The librarian's report for the month of April shows a total circulation of 1417, of which the County Free library is 739 and the city 678. Magazines circulated 150; pamphlets 1. Books added 18; mended 83; total 2864. Members registered 10; withdrawn 6; total 1502.

GREATER PRODUCTION

The California Development Board held its annual convention at Stockton, April 27 and 28. Representatives of chambers of commerce, boards of supervisors and prominent men from throughout the state were in attendance. For several years the development board has been gathering scientific agricultural information of the state and the subject of this convention is devoted entirely to a discussion of ways and means of developing the intensive agricultural resources of California and conserving the product.

At the Churches

First Methodist Episcopal
"Is Life Worth Living?" That is the theme for Sunday night at the Methodist church. This will be the eleventh in the series to men, and during these months that have passed we have been happy indeed to see the new faces and the earnest manner which has welcomed the special messages. The orchestra and the chorus will give special numbers, and all are welcomed.

In the morning the theme of the sermon will be "Zephaniah, the first of the seventh century prophets."

Mr. Wentworth speaks at both services. Young and old are given a cordial reception. The Sunday school at 9:45 under the leadership of Mr. Hartley. Epworth league at 6:30.

Mennonite
This Sunday will be the time for an English preaching service in the evening. The pastor will speak on the "Christian's Outlook." The service begins at 7:30.

Sunday school meets at 9:30 in the morning and is followed by the regular service at 10:30 at which the pastor speaks in German.

St. Mark's
Sunday school 9:45 a. m. Morning prayer and confirmation service 11 a. m. Bishop Joseph H. Johnson will administer the confirmation and preach at this service. All are cordially invited to this and all the services of St. Mark's.

First Church of Christ, Scientist
Sunday services in the chapel on West B street, Ontario, at 11 a. m. Subject for May 13, "Adam and Fallen Man."

Sunday school at 10 a. m. Wednesday evening testimonial meeting at 7:45.

THE GLEE CLUB SHOW
Friday evening at 8:15 in the Chaffey auditorium the high school boys' glee club and the orchestra present their annual show. Their work this year promises good music, and in addition the boys have been working up some comedy stunts that are calculated to bring down the roof. In particular the one-act burlesque, "Ill Treated Trovatore," is going to do its full share in driving away the glooms. The stars in this performance will be such local celebrities as Clarence Hamer, Frederic Trunkfield, and others really too numerous to mention.

The proceeds of this show go to the purchase of new instruments for the orchestra and special music for the glee club. A splendid program has been prepared, which follows. The price is only 25c, as an attack on the H. C. L.

Program
Overture excerpts from "Il Trovatore" (Verdi)—Orchestra.

Gypsy John (Fears)—Glee club. Solo, "Come, for It's June" (Forster)—Melville Wing.

De Sand Man (Protheroe)—Glee club. Humorous Reading—Arthur Boone. Serenade, "My Lady Chloe (Clough)—Glee club.

Intermission
Hawaiian Dreams Waltz—Orchestra. Pilot, Lan' de Boat (Fears.)

Recessional—Glee club. Solo, A May Morning (Denza)—Verna Jacques.

Overture, "The Jolly Robbers" (Von Suppe)—Orchestra. Finale, "Ill-Treated Trovatore," a burlesque comedy in one act.

Cast: The Count, Leo Holbrook; Manrico, Melville Wing; Leonora, Clarence Hamer; Sentry, Paul Houghton; Servant, Frederic Trunkfield.

Scene: A prison tower in a wood, somewhere in Europe.

Time: Not yet fully determined.

PROPOSED QUARANTINE ON CITRUS FRUITS

A public hearing on the proposed quarantine on imported citrus fruit was held at the department of agriculture, Washington, on May 8. The proposed quarantine is due to the fact that citrus canker is known to exist in eastern and southeastern Asia, the Philippine Islands, Oceania, Malayan Archipelago, Japan, and South Africa, and that fruit infected with the disease is being imported into the United States from these regions.

The adopted quarantine will prohibit the further importation from these sections of such fruit as oranges, lemons and grapefruit.

The commercial importations from the countries affected by the proposed quarantine are so small at the present time that the chief danger is believed to consist in small lots of fruit brought in for personal use by returning travelers. As a precaution against the introduction of citrus canker into this country, the importation of citrus plants has been prohibited since December of 1914. The disease, however, can be brought in on fruits as well as on plants.

Citrus canker has already made its way into the gulf regions of the United States, presumably in 1911, from the Orient. The federal and state authorities are now fighting the disease, and a vigorous attempt to exterminate it by the burning of citrus trees is being made, with prospects of success in several of the infected states. The campaign is expensive, however, as it involves the burning of between \$5,000,000 and \$10,000,000 worth of citrus trees. Moreover, the western fruit districts of California, New Mexico and Arizona are still free from the infection and every effort is being made to keep them so.

Buy New Bedding Now

¶ **Sheetings**—A complete line of Sheetings, both in bleached and unbleached, in 7-4, 8-4, 9-4 and 10-4.

¶ **Pillow Cases and Sheets**—Already hemmed.

¶ **Bed Spreads**—A splendid line at all times. A new addition to our stock is a Dimity Bed Spread.

Dimity Bed Spreads

Have you seen them? They are a wonderful help in house-keeping, for during the Summer months with beds on the sleeping porch or with windows open, they keep the bedding free from dust. They take the place of a light quilt, are easy to launder and keep clean.

We have them in two sizes, at \$1.75 and \$2.00

J. J. Atwood Co.

Upland, California

Lowney's Chocolates
Lowney's Walnut Maple Bar is a delicious confection . . . 5c
Chocolate Caramels 10c the box

The Sole Agent for the famous
Rexall Remedies
in Upland, California

Mac's Drug Store

"Your Money's Worth or Your Money Back"—Mac Says So

Wherever you go, Karry a Kodak with you and rush your rolls back to Mac and Peake will Print



your pictures. Peake's Prints have Punch and Pep. Mac's Kodak Korner is a pleasant and reliable place to buy your Kodak.



Mac the Medicine Man is Sole Kodak Dealer for "The Biggest Little City in Can Bernardino County," and will treat you right. Mac says so. Eastman Non-curling films sell like "hot cakes" and are always (Daily Kodak Developing Service) printing, fresh, active, and on the job. Mac sells everything pertaining to Pictures.



The boys all say, as they march away, "Slip me a supply of Mac's Tooth Paste—it's good to the last squeeze."

At Mac's Fountain you will find the same wholesome Soda Specialties, same care exercised, the same cleanliness exemplified, and you'll experience the same feeling of security for your health and others as you always do—At Mac's Fountain.

When Medicine Is Necessary, Make Mac the Medicine Mix Your Medicine

Mr. Edison is giving America

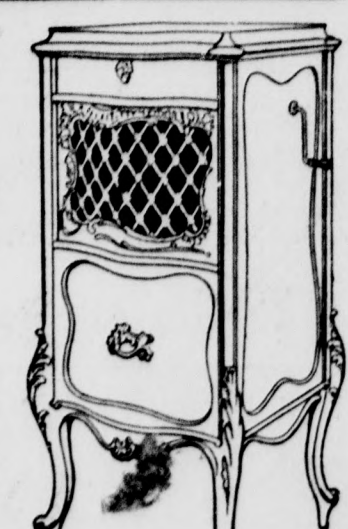
his best to save us from the submarine terror

Until he accomplishes this, let his Re-Creation of Music soothe you. Come to our store at your first opportunity

Hear This Wonder

The development of the Edison has been a labor of love with Mr. Edison. It makes the living-room of the American home the stage of the world's greatest artists by the Re-Creation of their art. Hear the Edison, the Phonograph with a Soul.

The Upland Book Store



\$375—LOUIS XV STYLE

WILSON'S TOGGERY

Late and exclusive styles for the man.

At the right prices

Upland, California

A CONVENIENT COAT-HANGER COMBINATION

"How is this for a convenience when one goes a-journeing?" asked the Woman Who Travels, holding up a neat green linen bag, suspended from something that looked like a coat-hanger, so her caller remarked. "Right," replied the traveler, "it is a coat-hanger. It is, moreover, what I consider the only kind to travel with, for it is a folding one. You see, it is divided and hinged here at the center, and this straight piece with the hook at the end stands right up from it when the hanger is opened out for use. When not in use, see, you just fold the hanger together by means of the hinge and fold the hook down with it. The chief beauty of this arrangement, however, is the bag attached. It hangs directly under the hanger and is semi-oval in shape. A flap folds over and is fastened by a clasp, such as is used on gloves. A small pocket of the same material is attached to the lower part of this bag. All edges are bound about with white braid, which makes a trim, neat finish.

"Straps of the green are attached from each end of the hanger to the hook above, and to each end, as well as to the middle. Just below the hook are fastened safety pins so that a woman may use the hanger

for her skirt, as well as for her coat. When you fold the hanger to pack it, the bag folds over, too, and takes up very little room in bag or suit case. But, when it is open, it can hold so many things that it is a great convenience in hotel or sleeping car. Of course, some things can be packed in it when it is folded. It is easily made of any material one chooses."

A QUICKLY-MADE SWEET DISH

Arrange sponge cakes in a deep dish, as for ordinary trifle. Cook a pound of blackberries and, while hot, pour over the sponge cake. Stand in a cool place to set. Serve cold, garnished with whipped cream.

The Tehama County Farm Loan association is making initial appraisements of property as a first step toward securing loans from the federal loan bureau.

Butte county has been contemplating the appointment of a farm adviser, but definite action has been postponed pending more enthusiastic action on the part of the farmers.

The Amador-Eldorado Live Stock association, a live wire in the matter of advancing and protecting the interests of its members, recently held a largely attended meeting at Placerville.

Etiwanda

Happenings Here and There Gathered by a News Special Representative in and About the Famous Etiwanda Colony

Miss Majors spent the week-end in Orange.

The teachers and about twenty pupils attended the track meet Chaffey Union last Saturday.

Mr. and Mrs. Koch gave a dinner complimentary to the teachers last Friday night.

May 15 has been set as the date of the school May Day program, the weather permitting. The program will be given in the afternoon. A picnic supper is arranged for by the P. T. A. Every one is invited to be present with a full lunch basket. In the evening the children will give a play, which promises to be delightful. The P. T. A. will serve ice cream.

The school trustees held their annual meeting on Saturday evening. Mr. Fred Koch was re-elected clerk. The present year of school has been a very satisfactory one from every standpoint. Patrons are well pleased, and good progress is being made. The manual training introduced for the first year is a great success.

Mr. and Mrs. Rixey of Los Angeles and the children spent the week-end with the J. D. Orendorff family.

Mr. and Mrs. Wm. Pearson were San Bernardino guests on Sunday.

John Campbell of San Dimas who has frequently been a visitor at the Rader home is now in the navy. He was declared and is now on duty "somewhere abroad." Letters can reach him only through the navy department, and he is not permitted to write his location.

Mr. Isaac Jones of Ontario was an Etiwanda visitor on Monday.

Miss Durbank was a guest of Mrs. Chas. Donnelly on Sunday.

Mrs. Gertrude McDowell of Highland spent the week-end with Rev. and Mrs. Greenlee.

Mrs. Kemper and the children are up from Whittier and are spending the week with Rev. and Mrs. Shurr.

The conference of Congregational churches in Ontario is proving of great interest to Etiwanda church people.

Mrs. Jack Scott and Mrs. Geo. Utman are delegates. On Monday Rev. Greenlee, Mrs. Chas. Donnelly and Miss Fisher were in attendance. On Tuesday Mrs. Utman, Mrs. Fisher and Mrs. J. C. Jones were present. On Tuesday evening Mr. and Mrs. Fred Koch and Mrs. Lillian Court were in attendance. A very inspiring program is being offered and a large attendance from all over Southern California is noted.

The County Federation of Parent Teacher Associations will meet at Cucamonga on Saturday, May 12. Mr. E. P. Clarke of Riverside, president of the state board of education, and Dr. Jessie Russell of Los Angeles will be the speakers.

The J. D. Orendorffs spent Sunday in West canyon.

Mrs. Rader returned from Pasadena on Thursday evening.

Mr. and Mrs. C. N. Frost of San Bernardino spent Sunday with relatives. They and the George Frost, the John Frost and the Will Frost families all disappeared in the morning in the direction of West canyon. On their return in the evening the autos seemed more heavily laden and a very appetizing odor pervaded Victoria avenue, near Etiwanda. Your scribe has no reliable information but is convinced that they "caught th limit." The C. N. Frosts returned home Sunday evening.

Mr. and Mrs. Glen Shepherd welcomed a little daughter to their home on Saturday. Congratulations in order as this is a first baby—and a first granddaughter.

Etiwanda is on the map in Storkland, it would seem, as the stork made a second visit on Saturday and the Alfred Utman welcomed a son who is named for his two grandfathers, George Leon. Congratulations are especially in order as this is a first baby and "almost" a first grandchild.

Mrs. Wm. McClean, superintendent of the Sunday school, visited Sunday schools in Upland on Sunday and came home with some practical ideas which she will introduce into the work of the Sunday school here.

Mr. James Gammon left for Brawley on Tuesday, May 1. He will work with Lee Stevens' outfit in the cantaloupe and grape harvest.

Miss Spiers of Los Angeles was a week-end guest at the Rader home.

Mrs. George Frost, Mrs. J. C. Jones and Mrs. O. H. Price were hostesses at the Ladies' Aid meeting on Thursday afternoon at the church. About twenty-five ladies were present. The supper planned for April was postponed, and it was decided to make up the balance of \$25 due on church pledge by contributions of one dollar each. The missionary committee has the June meeting in charge.

J. B. Wrantham, secretary of the California Almond Growers' Exchange, died recently at Oakland. The loss is a serious one for the exchange.

A sale of 2500 sacks of rice was made last week to a San Francisco firm by the Modesto Irrigated Lands company for \$268 per sack. Several bids have been made at \$2.40.

Supervisors of Nevada county have been requested by a large number of farmers and business men to appropriate funds sufficient to secure the appointment of a farm adviser.

MR. HODGE ON LABOR AFTER THE WAR

Of the many points dealt with by Mr. John Hodge, the British labor minister, in the course of a recent interview, none, perhaps, was more important than the question of the probable position of labor and trade following the period of demobilization, and afterwards. Mr. Hodge, it is welcome to find, is far from being in agreement with those who insist that the conclusion of peace must inevitably be followed by a series of tremendous industrial crises.

A commonly accepted view is that high prices, unemployment, and a trade depression of all kinds must inevitably follow the war; whilst writers and public men who hold this view are at much pains to support their opinions by historical examples, the favorite one being the industrial troubles and hardships which followed the conclusion of the Napoleonic wars of a century ago. Conditions today, however, are very different from conditions one hundred years ago, notably, in this particular, that the possible position of labor after the war has, almost from the first, received the most careful consideration. As Mr. Hodge pointed out, the best interests in the country have long been giving their attention to all the problems which are likely to arise, and already, many schemes for meeting these problems have been worked out in detail.

Mr. Hodge's own view is that, the great problem facing the country on the conclusion of the war, will be not so much a surplus of labor and a shortage of work as the difficulty of bringing together the workman and the employer. Such being the case, the full solution of the problem is clearly a matter of organization. It is for this reason that the authorities are devoting so much energy to increasing the efficiency and scope of the employment exchanges, and to developing, in all directions, the idea of cooperation between employer and employee which underlies these exchanges. Indeed, the energy and resource being displayed in this matter should largely reassure public opinion. It is quite clear that, after the war, every effort will be made to maintain the spirit of cooperation which at present obtains in so remarkable a degree; and already both labor and capital are coming to see that the rehabilitation of the country, industrially and economically, makes just as great and imperative demands for united effort as the saving of the country from attack and conquest. This means, of course, that the spirit of every man for himself will find neither place nor tolerance in public opinion, and that the great reconstructive idea should hold employer and employee together after the war, just as the great defensive idea is holding them at the present time. All the schemes of the authorities for meeting the labor problem are based upon this fact, and are calculated to establish it more firmly. Thus local committees are to be established, consisting of employers and workmen, and possibly representatives of other associations, to supervise employment and exchange administrations. The most satisfactory aspect of this matter is that these committees are to be constituted, not merely to deal with the emergency problems arising at the conclusion of the war, but as an integral part of the employment exchange machinery.

The authorities are, however, not contenting themselves simply with the devising of machinery; they are drawing up programs of necessary state and municipal works of public utility, which can be quickly put in hand, should the conditions of the labor market render such a course advisable. The idea is, not simply to provide work, but to make use of the labor available to carry through projects which will be actually necessary, or which an enlarged sense of corporate obligation renders desirable.

Finally, behind all these provisions stands the Unemployment Insurance Act, which the authorities are in favor of extending very widely. It may be taken that recourse will be had to this act only as a last resource, and that a great effort will be made, by all sections of the community, to provide work and to accept work.

Mr. Hodge holds the view that there need be no lack of work. Trade, he very justly remarks, will be stimulated, after the war, by the reopening of foreign markets and the removal of the restrictions on consumption at home. In every respect, the outlook is very reassuring, and such a statement as that by Mr. Hodge ought to go a long way towards dissipating any anxiety in regard to the future.—Christian Science Monitor.

ALASKA'S REINDEER

From the small herd of reindeer that the government imported from Siberia in 1892 have grown the 76 herds and 70,243 animals. The increase was 20 per cent last year, though 9000 reindeer were killed for meat and skins. The natives own two-thirds of the total number of reindeer; the rest are the property of the missionaries, the government and the Lapps who have migrated along with the animals that solve the native problem of food, clothing and transportation. Reindeer meat has been selling of late in Seattle for 20 to 35 cents a pound, excellent meat and in good demand, but it hardly promises to relieve the meat situation in the country as a whole. Incidentally, Alaska is 50 years old. We bought it in March, 1867. Its population today is less than that of West Roxbury, although its area is ten times that of New England.—Boston Herald.

FARM TRACTORS TO AID PRODUCTION

What the trolley car has done in revolutionizing urban and interurban traffic conditions, and what the motor car has done for transportation in all lines and in all sections, the tractor now seems destined to do, in as great a degree, and in a great economic emergency, in making possible a necessary increase in production on the farms of the United States and Canada. The problem in Canada particularly, but to some extent in the United States, even before the declaration of the existence of a state of war between the latter country and Germany, has been to assure an adequate force of labor to sow and plant largely increased crop areas. Many men and boys who, with almost no training, can go into a grain field and carry or load bundles of grain in the straw, and can likewise assist in threshing and

storing the grain, are hardly competent, as novices, to take an active part in the more complex routine of sowing and planting. A span of horses or mules, to say nothing of the four and six-horse or mule teams often used on the larger farms of the western sections of the country, is as unwieldy under the attempted directions of the unpracticed driver as a motor boat in the hands of a woodsman, and any plan by which the number of men necessary for the operation of a large farm can be minimized, and the same result be achieved, must appeal to those determined to materially enlarge the crop area and increase the total production.

With this end distinctly in view, and with a motive as unselfish as their generosity is liberal, the members of the Board of Trade of Toronto have purchased five farm tractors, with plowing attachments, to be used wherever the farmers want them, within a radius of thirty miles of the city. Representatives of the board are already in the country working out a definite itinerary, so that as little time as possible may be lost in moving the machines from farm to farm. This, it would seem, is definite and well-directed aid rendered by the city to the country.

But the call is heard elsewhere. In Kansas the chairman of the newly organized State Council of Defense, Dr. H. J. Waters, president of the Kansas Agricultural college, is putting into successful operation a plan to operate farm tractors in plowing, harrowing and sowing on a twenty-four-hour schedule. The machines will be equipped with searchlights at night, and relays of operators will be employed. Mechanics are being recruited from the membership of the Tractor Club of Kansas City. Repair stations will be established in close proximity to the central points of operation, where experts will be available for maintaining the machines at the point of maximum efficiency. It is said, however, that like many other useful machines and devices which have come into more general use, the tractor has been, to a great degree, standardized. It is not the complex and arbitrary individual mechanism that it formerly was. Important parts are being brought to conform quite closely to the general style, and often to the exact specifications of corresponding pieces in motor cars and trucks. This standardization serves two important ends: it means that one capable of repairing an ordinary automobile can repair a tractor, and that one who is reasonably proficient as an automobile driver can operate a tractor with ease and skill. This will open the way to the farm for thousands of men and boys in the cities, who can render valuable service in the great army of producers.—Chris Science Monitor.

LEGAL ADVERTISING

No. 8266
Report of Condition of the First National Bank of Upland, at Upland, in the State of California, at the Close of Business on May 1st, 1917.

RESOURCES	
1. Loans and discounts	\$255,252.92
2. Overdrafts, secured, none; unsecured, .16	.16
3. U. S. bonds deposited to secure circulation (par value)	13,000.00
4. Bonds, Securities, Etc.	
a. Bonds other than U. S. bonds pledged to secure postal savings deposits	995.60
b. Bonds and securities pledged as collateral for State, or other deposits (postal excluded) or bills payable	33,596.76
c. Securities other than U. S. bonds (not including stocks) owned, unpledged	5,616.31
Total bonds, securities, etc.	40,208.67
5. Stocks, other than Federal Reserve Bank stock	544.59
6. Stock of Federal Reserve Bank (50 per cent of subscription)	1,920.00
7. Value of banking house	13,800.00
8. Furniture and fixtures	4,894.28
9. Net amount due from approved reserve agents in New York and Chicago	9,043.19
10. Net amount due from banks and bankers (other than included in 12 or 20)	29,899.12
11. Outside checks and other cash items	1,393.38
12. Fractional currency, nickels, and cents	156.14
13. Federal Reserve Bank notes	145.00
14. Lawful reserve in vault and net amount due from Federal Reserve Bank	35,607.04
15. Redemption fund with U. S. Treasurer and due from U. S. Treasurer	700.00
Total	\$409,376.27

LIABILITIES	
23. Capital stock paid in	\$ 50,000.00
24. Surplus fund	5,000.00
25. a. Undivided profits	9,360.76
b. Less current expenses, interest, and taxes paid	2,852.51
26. Circulating notes outstanding	13,000.00
27. Demand deposits	230,623.08
28. Individual deposits subject to check	575.55
29. Certificates of deposit due in less than 30 days	3,122.50
30. Cashier's checks outstanding	707.90
31. Postal savings deposits	709.06
32. State, county, or other municipal deposits secured by pledge of assets of this bank	29,425.00
33. Total demand deposits, items 23, 34, 35, 36, 38, and 39	265,163.09
34. Time deposits (payable after 30 days, or subject to 30 days or more notice)	40,755.20
35. Certificates of deposit	28,560.73
36. Other time deposits	69,705.93
Total of time deposits, items 34 and 35	69,705.93
Total	\$409,376.27

State of California, County of San Bernardino, ss:
I, D. E. DOBBINS, Cashier of the above-named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief.
D. E. DOBBINS, Cashier.

Correct—Attest:
ISAAC C. BAXTER,
CHAS. V. HARRIS,
A. PODBANSKI, Directors.

Subscribed and sworn to before me this 7th day of May, 1917.
A. H. LAWRENCE, Notary Public.

No. 9570
Report of Condition of the Commercial National Bank, at Upland, in the State of California, at the Close of Business on May 1st, 1917.

RESOURCES	
1. Loans and discounts	\$271,708.16
2. Overdrafts, secured, none; unsecured, \$267.08	267.08
3. U. S. Bonds	
a. U. S. bonds deposited to secure circulation (par value)	\$ 20,000.00
b. U. S. bonds owned and unpledged	10,000.00
Total U. S. bonds	30,000.00
4. Bonds, Securities, Etc.	
a. Bonds other than U. S. bonds pledged to secure postal savings deposits	3,750.00
b. Bonds and securities pledged as collateral for State, or other deposits (postal excluded) or bills payable	25,000.00
c. Securities other than U. S. bonds (not including stocks) owned, unpledged	10,123.30
Total bonds, securities, etc.	39,523.30
5. Stocks, other than Federal Reserve Bank (50 per cent of subscription)	2,000.00
6. Stock of Federal Reserve Bank (50 per cent of subscription)	20,735.56
7. Value of banking house (if unencumbered)	6,303.28
8. Furniture and fixtures	5,325.00
9. Net amount due from approved reserve agents in New York, Chicago, and St. Louis	25,482.96
10. Net amount due from approved reserve agents in other reserve cities	75,292.79
11. Net amount due from banks and bankers (other than included in 12 or 20)	100,775.75
12. Outside checks on banks in the same city or town as reporting bank	3,825.60
13. Other checks on banks in the same city or town as reporting bank	1,980.56
14. a. Outside checks and other cash items	3,616.77
b. Fractional currency, nickels, and cents	38.57
15. Federal Reserve notes	3,655.34
16. Notes of other national banks	565.00
17. Federal Reserve notes	1,000.00
18. Lawful reserve in vault and net amount due from Federal Reserve Bank	43,660.65
19. Redemption fund with U. S. Treasurer and due from U. S. Treasurer	1,000.00
Total	\$531,624.78

LIABILITIES	
23. Capital stock paid in	\$ 50,000.00
24. Surplus fund	16,000.00
25. a. Undivided profits	12,633.99
b. Less current expenses, interest, and taxes paid	5,977.54
26. Circulating notes outstanding	10,400.00
27. Demand deposits	7,779.56
28. Individual deposits subject to check	372,088.47
29. Certificates of deposit due in less than 30 days	90.10
30. Cashier's checks outstanding	30,005.96
31. Postal savings deposits	1,904.24
32. State, county, or other municipal deposits secured by pledge of assets of this bank	18,500.00
33. Total demand deposits, items 23, 34, 35, 36, 38, and 39	422,588.77
34. Time deposits (payable after 30 days, or subject to 30 days or more notice)	8,300.00
35. Certificates of deposit	8,300.00
36. Other time deposits	
Total of time deposits, item 34	8,300.00
Total	\$531,624.78

State of California, County of San Bernardino, ss:
I, R. C. NORTON, Cashier of the above-named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief.
R. C. NORTON, Cashier.

Correct—Attest:
R. F. LEMON,
C. V. LAMBRIGGER,
GEO. B. HARRISON,
Directors.

Subscribed and sworn to before me this 10th day of May, 1917.
CHAS. P. FULLER, Notary Public.

Every Dog Has His Day

So the Lumberman of Southern California, together with their families, are going to celebrate Lumberman's Day next Saturday, May 12, at Orange County Park as guests of the Orange County Lumbermen.

Our yard will be closed all day Saturday, May 12th. At all other times we will be here, glad to listen to your wants.

YOURS FOR SERVICE

The Eymann Lumber Co.

PHONE 39

UPLAND

\$80

Chicago and Back

On the dates named below the Santa Fe will sell excursion tickets to many eastern cities at a reduction of over 25 per cent from the round trip rates ordinarily in effect.

These excursion tickets are good on the California Limited as well as on our four other daily trains to the East.

The dates of sale for these excursions are:

May 31.
June 1-2-11-12-16-17-26-27-30.

Other dates may be announced later.

Call, phone or write. Phone 102.



COOK WITH GAS

PHONE ONTARIO 167

ONTARIO-UPLAND GAS CO.

Back-East Excursions

REDUCED ROUND TRIP TICKETS TO EASTERN POINTS

Going:—May 31
June 1-2-11-12-16-17-26-27-30
July 1-2-16-17-24-25-31
August 1-14-15-28-29
September 4-5

Return limit three months, but not later than October 31, 1917.

Some fares: Chicago \$80.00
Kansas City 67.50
St. Louis 77.50
New York 118.20

Proportionately low fares to many other points

Tickets honored on Pacific Electric cars from Upland for connection with So. Pacific trains at Colton, Ontario or Los Angeles.

Pacific Electric-Southern Pacific Ticket Office

—See the Apache Trail of Arizona

P. W. Tonnerson, Ticket Agt., P. E. Station, Upland, Phone 12

We Recommend

FISK

Non Skids

THEY'RE the best tire buy on the market today. Fisk Quality is unexcelled and mileage returns prove it. Buy a pair of Fisk Non-Skids and put them to the dollar-for-dollar value test. "When you pay more than Fisk prices you pay for something that does not exist." Don't forget that, when you buy tires.

Fisk Dealer in Upland

C. L. COCHRAN

CLASSIFIED ADS

WANTED

WANTED—Appointment work in manure, facial and scalp treatment, shampooing and singeing. Mrs. M. Frost, 406 Euclid avenue. Phone 35-R. 521*

WANTED—Poultry. Highest cash prices paid for all kinds. Days here Mondays and Thursdays. Phone 248, Ontario; or 8566, Pomona. Or address Scott & Son, Box 481, Pomona. 392*

FOR RENT

FOR RENT—Apartments with private bath, at the Toga, \$10 per month and up. R. C. Williams. Phone 162-J or 162-L. 511*

FOR RENT—Chairs, sewing machines, dishes, tables, electric sweeper. Upland Furniture Co. 512

FOR RENT—House with four rooms, near San Antonio and Tenth St. with water, \$7.00 per month. John Shingler. Phone 234-J. 491*

FOR SALE

FOR SALE—Good second hand bicycle. Inquire at Zweigart's market. 521

FOR SALE—Reed organ. Inquire C. L. Vedder. 521*

FOR SALE—Turkey eggs. Wm. Gosau, West 11th. 521*

FOR SALE—One late 1915 Studebaker four. Electric lights, self-starter, good condition. One Oakland "40." See Geo. Bunker. 521

FOR SALE—Chalmers "30." See Roy Creighton. 521

FOR SALE—On easy terms, the New Home sewing machine. No better made. Upland Furniture Co. 512

FOR SALE—Fresh milk goat. Call 316-L, Upland. 512

FOR SALE—Fresh Jersey cow. Inquire Mrs. M. G. Swan. 491*

FOR SALE OR RENT—Beauber residence, corner of Eighth avenue and Washington boulevard. Phone 359-J. 461*

FOR SALE—Second hand automobiles. 1 Maxwell touring car, \$250. 1 Hupmobile roadster, \$175. These cars are in first class shape and will bear inspection and demonstration. Thomas Garage. Phone 116. 491*

FOR SALE—Citrus trees, Washington navel, Valencia, Marsh seedless grapefruit, Eureka, Lisbon, and Villa Franca lemons. Carefully selected buds on sour stock roots. John Shingler. Tel. 234-J. 441*

FOR SALE—Baby chicks and very fertile eggs, from Smallwood's late, quick molting White Leghorns. "They pay" Not inbred. Ranch E. 24th St. Phone 346-R.4. We deliver. 461*

FOR SALE—House and lot on 1st ave., 1 1/2 blocks No. of 10th St. Small payment down and balance like rent. 1 Buick 30, 1910 touring, \$150. A. F. Riley. 511*

FOR SALE—6-room house, lot 50x150; orange trees. Cucamonga, Cal. Third house rear of First National Bank. Inquire First National Bank, J. H. Rupp or owner, Geo. W. Hoffman, 257 Melrose ave. Monrovia, Cal. 471*

FOR SALE—Two and three year old trees: Eureka, Bellefranca, Lisbon Lemon, Washington Navel, old trees: Eureka, Villafranca, Grapefruit. See J. L. Miner, 24th and Euclid. Phone 317-R.1. 361*

FOR SALE—Pigs, all sizes. Inquire Phone 426-R.1, Upland. 361*

FOR SALE OR TRADE—Good second-hand Overland. Also buy and sell all kinds of second-hand automobiles. H. Cohen, Phone 475-L or 359-R. 361*

MISCELLANEOUS

FOR LOAN—Money on real estate. First National Bank, Upland. 491*

NOTICE—We can still furnish food and tankage and potash fertilizers as 6-8-2 or 6-8-2 or 4-10-2. Unfortunately some of the fertilizer companies are all sold out. Call B. L. Byer, Phone 79, at noon or in the evening. Residence 428 3rd ave., Upland, Calif. Only in the office by appointment. Prices advancing. Order at once. 441*

FREE—A useful souvenir with every purchase amounting to one dollar or more. C. F. Troeller. 471*

FOR BABIES—Carriages, go-carts, rockers, nursery chairs, high chairs, cribs, pads, etc. Upland Furniture Co. 512

Buy the New Singer sewing machine at \$2.00 per month. The latest and best. Low prices on second-hand machines. 224 North Euclid, Ontario. Phone 55-R. 481*

NOTICE

Mr. H. A. Durik will be away for about a month. Messrs. McMullen & Ferrell of Pomona will look after his plastering business. Phone 2986, Pomona. 521*

Riverside county is the latest with a farm adviser, W. B. Parker beginning his term in that county May 1.

An increase of ten per cent in wages has been offered by the San Dimas Lemon association to all packing house workers. This is to be paid as a bonus at the end of the season in October to those who stay with the house till that time. Pickers were raised 25 cents an hour.

Y. M. C. A. CAMPAIGNS FOR U. S. SOLDIERS

Every city and rural district in California will be included in a ten-day campaign for \$125,000 which the Y. M. C. A. will conduct, beginning May 21. The proceeds of which are to be used to promote a program of social service, athletics, religious meetings, entertainments and educational classes for the soldier boys of this state. The Y. M. C. A. work for the soldiers also will include providing them with places to write letters home, tons of stationery, food books, magazines, motion pictures and all sorts of games and amusements.

According to the plans for the work, announced by the War Work Council, which is at the head of raising the funds in this state, there will be five Y. M. C. A. secretaries with each brigade of 5000 men. One will be a general secretary, another a religious work director, a third a physical director and two assistants, one of whom will operate the picture machine.

Headquarters for the campaign have been established in the Los Angeles Y. M. C. A. and the state has been divided into nine districts, with organizations in each which will supervise the ten-day money-raising activity. Los Angeles and San Francisco will raise \$30,000 each and sums varying from \$1000 to \$12,000 will be solicited in the following cities: Berkeley, Fresno, Long Beach, Oakland, Pasadena, Redlands, Riverside, Sacramento, San Bernardino, San Diego, Stockton, Santa Barbara, San Jose, and Watsonville. Contributions also will be made by four community organizations, eight county organizations and 11 college Y. M. C. A.'s. The War Work council consists of more than 100 prominent business and professional men of California who are members and officers of the Y. M. C. A., or who are interested in the movement for the soldiers. Many of the committeemen are being enrolled as active campaign workers in the various communities and others will serve as speakers.

The full cooperation of the ministers of the state has been practically assured, it was announced. It is expected that all ministers will devote a part of their sermons to the vital human needs of the soldier boy and the ability of the Young Men's Christian Association to meet those needs.

The California movement is part of a national effort by the Y. M. C. A. to mobilize 1000 of its trained secretaries for war work and to raise \$3,000,000 with which to build and equip at least 500 Y. M. C. A. buildings for the enlisted men.

CITIZENS COMPANY WILL GIVE GARDENERS RATES

Manager C. P. Fuller of the Citizens Land and Water company, has just received an order from the state railroad commission by which he can deliver, at half rates, water to be used in raising foodstuffs and encouraging the people of the city in planting gardens.

Owners of the land will be required to sign an agreement whereby they understand the water is not dedicated to the land but simply used on the land as an emergency measure. The order from the railroad commission to the Citizens company and to all other companies reads as follows:

The railroad commission having, on its own motion, instituted this investigation into the delivery of water by water utilities during the emergency created by the war, and a public hearing having been held it is hereby ordered as follows:

1. All water utilities are hereby authorized to deliver their surplus water, free or at reduced rates, for additional irrigation during the emergency created by the war.

2. Such water utilities, if deemed by them necessary to protect their legal rights, may require that land holders and irrigators desiring to receive water for the purposes and under the conditions specified in the opinion which precedes this order, shall first sign a stipulation agreeing that they, their successors and assigns, will never claim that such delivery of water has amounted to or is evidence of a dedication or that it has in any way prejudiced the legal rights of the water utility.

3. Within thirty days after the delivery of water utility has been initiated by any water utility to any irrigator under the authority hereby granted, the water utility shall report to the railroad commission the name of the irrigator, the amount of water applied for the land on which the water is to be used, the crop or crops to be planted and the terms and conditions, including the rate, if any, under which water is to be delivered by the water utility.

AGRICULTURAL NEWS NOTES OF THE PACIFIC COAST

Northern California

The Farmers' Protective league is after cattle rustlers. Cutter county's biggest bean patch contains 1500 acres.

A new irrigation district is to be formed at Fair Oaks, Sacramento county.

Ten thousand acres of land never before in rice will be planted in District 108, Northern Yolo county.

The increase in rice prices has caused a materially larger planting in Butte, Yolo and Glenn counties.

The Sutter Almond Growers' association met recently at Yuba City and elected directors for the coming year.

Shasta county prune growers are organizing and becoming members of

GRAMMAR SCHOOL NOTES

The Upland grammar school was very much in evidence at the Y. M. C. A. track meet last Saturday. Besides winning the meet with a score of 88 points, our Class A relay team brought back the beautiful trophy cup. This cup was presented by the Commercial National Bank. Upland has won it twice and George Junior Republic has had it two years ever next year, for if one of these schools win it, it remains theirs. Our team was composed of William Thayer, Rudolph Bodenhamer, Ross Hutton, Seymour Lydick, Frederick Kintzi, Frederick, Roy Teschler and Joseph Voss. Class B, Class C and the primary relay team each brought back a pennant for winning the race in these classes. William Thayer took first place in the high jump, second in the broad jump, and third in the fifty yard dash, and also in the 100 yard dash, second in the 880 yard run, and third in the shot put. Ross Hutton was first in the shot put, and in the pole vault the Upland boys took all three places. Peter Phillip and Welvin Dinger tied for first place while Leroy Leaman was next. In Class B, Gusti Dundas was second in the broad jump, Theodore Miller tied for second place in the high jump, Roy Teschler was first in the fifty yard dash, and also in the 100 yard dash. Class C, Herbert Stang was first place in both the 50 and the 100 yard dashes, while Willard Dettweiler came in third in the fifty and Leonard Krehbiel was third in the 100 yard. He also took second place in both the broad jump and the high jump. In the exhibition exercises for girls, 12 of the seventh grade girls gave a drill with dumb bells in a manner that made us feel proud of our girls as well as our boys. At our rally on Monday morning Mr. Fischer gave a most interesting talk to the pupils of the school.

On Friday, May 18, the annual exhibit of school work will be given in the school corridors. Every one is most cordially invited to come and see the work. In the evening a short program will be given by the pupils of the school. There will be no admission charge.

The Prune and Apricot Growers' Association

Thompson seedless grapes in Sutter county were very seriously injured by the heavy frost about the middle of April.

The sugar beet outlook is exceptionally fine in Glenn county. A spur of the Southern Pacific has been built into new beet growing sections.

President G. W. Pierce, of the Almond Growers' association, is visiting various almond producing sections in the interest of more effective organization for this season's work.

The state fish and game commission is planning a method of saving fish which are caught by seining waters in the tule basins of Sutter and Yuba counties. Professional seiners will be employed.

Cloverdale, Sonoma county, has enacted an ordinance which will fine owners of dogs five dollars if they are allowed to range on the streets. Cows going to or from pasture must be led by an attendant.

The forest service has an office in San Francisco in which it requests campers or travelers in national forests to file recommendations as to any possible method of bettering the forest service.

Central California

Stockton is to have a free municipal market.

Feed ranges in the Sierra Nevada are reported in bad condition. Cut worms have done some damage to Malaga grapes in Tulare county.

Stanislaus county growers are discussing conservation of animal feed. The state dairy cow competition is now in full swing with all entries closed.

"More beef, more hogs," is urged in the report of the state council for defense.

San Joaquin county reports its grain crops as 75 per cent better than last year.

One bean grower of San Joaquin county netted \$6500 for 8000 bags of pink beans.

Two hundred acres will be put in Tery, beans by Jesse Loughhead of Poplar, Tulare county.

Fresno reports demand for dried fruit for future delivery as far better than other years this date.

The Tulare Cooperative Poultry association made sales during March amounting to over \$17,000.

Buyers are reported going through the country gathering up old hogs and cows to be shipped to Petaluma for poultry feed.

A few days ago the wheat growers were paying \$2.50 per cental; presumably before these words are read this price may be materially increased.

A Delta farmer of San Joaquin county has suggested to the state council of defense that many of the pastures of the "islands" of San Joaquin county could most profitably be turned into grain fields.

San Jose reports that the Prune and Apricot Growers' association has now practically 75 per cent of the California output signed up. Manager Coykendall says, "We have the acreage and we will now proceed to effect the organization."

A survey of the Tulare irrigation district shows a total planting of 118,319 acres. The leader of all the crops is alfalfa, with 42,418 acres. About 12,000 other acres are in crops, such as hay, which will soon be taken from the land and other crops put in.

The Deer Creek Citrus association of Tulare county has filed articles of incorporation. The bean acreage of Orange county this year is estimated at between 50,000 and 60,000.

FISH AND FISH STORIES

ALL COMBINED IN ONE

(Continued from Page 1)

baits, he loaned one to J. J. Atwood. Fishing was rather slow for a time, but finally a fish grabbed the line and before Mr. Atwood could act, Mr. Fish—size unknown—ran away with the Wentworth spoon bait, sinker, line, and all. But regardless of that the fishing went on and the men moved to a different location. In the course of an hour or so one of the other members of the party felt a decided tug on his line, and pulling in the member of the fishy tribe, there was the same fish with Rev. Wentworth's spoon bait, sinker, line, and all, in his mouth.

Now, as fish stories go, that's some story, but here's another one. It seems that several weeks ago Mr. Wentworth bought the M. F. Palmer Reo, which was burned in the Creighton fire. Mr. Wentworth cleaned up the car, painted the chassis, and he is decidedly proud of it, and since making the fishing trip he is more than proud of it, for after reaching the summit and after going up grades that look to the average man as practically straight up, members of the fishing party were able to put their hands on the radiator without any discomfort. When you consider the fact that with the ordinary machine you can fry eggs on most any portion of it, after it has climbed those grades, the trip of this party ranks foremost among all of them.

UPLAND WINS FIRST IN

Y. M. C. A. TRACK MEET

(Continued from Page 1)

George Junior Republic made a strong showing at the beginning of the meet in the afternoon, but Upland came through with a rush, and won the championship along with 82 points. The boys from the local school won eleven first places and eight seconds. Junior Republic was second, South Euclid third, and Eighth street made a strong showing, taking fourth place.

The boys carried home the pennant in each relay race they entered, and after a thrilling race won the cup for the class A relay race. This cup must be won three times to become a permanent possession. Upland and George Junior Republic have each two wins to their credit and next year the trophy will probably become a fixture in some trophy case. The Upland boys say that the local school is the fitting place for the trophy.

County Secretary Maxwell deserves great credit for the success of the meet. He attended to his duties in spite of the great handicap of his injuries. He was helped by a group of volunteers from Pomona, Chaffey Union high school and the interested grammar schools.

Class A Events

50-yard dash—Wright, South Euclid; Summer, Republic; Thayer Upland. Time 5.45 sec.

100-yard dash—Bodenhamer, Upland; Wright, South Euclid; Kinney, Rialto. Time 11 sec.

440-yard run—Mauritz, Republic; Ervin, Republic; Christian, Eighth street. Time 62.35 sec.

88-yard run—Kinney, Rialto; Bodenhamer, Upland; Barber, Alta Loma. Time 2 min. 23.25 sec.

Running broad jump—Randall, Republic; Thayer, Upland; Nash, Chino. Distance 18 feet 4 inches, tying the record.

Standing broad jump—Wright, South Euclid; Randall, Republic; Nash, Chino. Distance 9 feet 11.2 inches. New record.

High jump—Thayer, Upland; Hutton, Upland; Lane, South Euclid. Height 4 feet 10 inches.

Pole vault—Phillip and Dinger, Upland, first; Leaman, Upland, third. Height 8 feet.

Class B Events

50-yard dash—Teschler, Upland; Frisbie, Rialto; Cunningham, Republic. Time 6.25 sec.

100-yard dash—Teschler, Upland; Hunter, San Antonio; Cunningham, Republic. Time 11.45 sec.

Broad jump—Coon, Republic; Dundas, Upland; Maxwell, Rialto. Distance 16 feet, tying record.

High jump—Coon, Republic; Bangie, Republic; and Miller, Upland, second. Height 4 feet 6.12 inches. New record.

Class C Events

50-yard dash—Stanley, Upland; Baer, Eighth street; Dettweiler, Upland. Time 6.45 sec.

100-yard dash—Stanley, Upland; Baer, Eighth street; Krehbiel, Upland. Time 12.45 sec., tying record.

Broad jump—Baer, Eighth street; Krehbiel, Upland; Delphy, Chino. Distance 14 feet 7.12 inches.

High jump—Delphy, Chino; Krehbiel, Upland; Stratman, South Euclid. Height 4 feet 3.12 inches.

Relay Races

Primary relay—Upland, Eighth street, South Euclid.

Primary relay for district schools—Alta Loma, Cucamonga Central.

District relay race—Alta Loma, South Cucamonga, Cucamonga Central.

Class C relay—Upland, South Euclid, Colton.

Class A relay—Upland, Republic, Colton.

Dumb bell drill by Upland girls.

May pole by Chino girls, ribbon drill by the South Euclid girls. Solo dance by student of Etiwanda school were some of the several special features which were presented during the program. Penants were awarded to each school and the faculty proved to be decidedly well done and of great interest to the crowd.

PRACTICAL IRRIGATION OF LEMONS

Methods on the Limoneira orchards in Ventura county as described by Superintendent James D. Culbertson before the Riverside Citrus Institute:

The holdings of Limoneira company lie in Ventura county on a gently rolling south slope, about five miles west of Santa Paula and not more than eleven miles from the coast. The citrus acreage of the company consists exclusively of lemons, and the lemon orchards referred to in this paper are now 23 years old.

It has been the policy of the management always to provide these orchards with adequate moisture, irrespective of cost or other inconvenience, even to the extent of possibly using more water than necessary rather than risk a scarcity of moisture anywhere in the orchard at any season of the year. Our water supply has been so ample that there has always been a surplus, making it possible to irrigate any part of the orchard at almost any desired time. During the first six years so much stress was placed on abundant moisture supply that, in addition to over-generous summer irrigation, even during the rainy season, the surplus water from the irrigation system was kept almost constantly in use with the idea of filling the soil with water against possible needs in the summer.

Like many other orchards, the plantings had been blocked out in rectangles with straight rows, almost irrespective of grades. Fortunately, however, nearly every row on the ranch has a fairly uniform grade of its own, but the variation between grades in the different sections ranges from six per cent to no grade whatever. As every lemon grower would expect, the level areas were the first to suffer from gummosis, and likewise from them the first lemons infected with "brown rot" came into the packing house each year. Although the trees on these level portions were exceptionally large and productive, after about eight years this unusual vigor gave way here and there to a yellow mottling of the leaves which in some localities gradually developed into a chronic white chlorosis, in extreme cases not only robbing the trees of their power to produce fruit, but in many instances slowly killing them back to the ground. All of these troubles were attributed later to inadequate water supply.

To remedy them the old wooden flumes, and all furrows over 600 feet long on flat ground were reduced to half that length by additional pipe lines. In some blocks the direction of the irrigation was changed, and special provision made by grading and ditching to prevent flooding or accumulation of waste water or winter storm water at any point in the orchard.

These measures greatly relieved conditions, and local improvement was very evident in many parts of the orchard. In an effort to more intelligently regulate their frequent irrigation, both summer and winter irrigations were decided upon only after an examination of the soil with the aid of a shovel, usually to a depth of two feet. From the appearance of the soil to the eye, and the manner in which it held together or fell apart when compressed with the hand, the question of irrigation was determined. Depending on the amount of moisture, season of the year, condition of cover crop, or possibly immediate water supply, a 24, 36 or 48-hour run of water was advised with practically no distinction between soils of different types, except that the heavier soils were not irrigated quite so often. In case any particular block did not appear sufficiently wet on the surface at the end of the allotted time, the water was allowed to remain an additional 12 or 24 hours.

During a journey of investigation through the principal lemon growing sections of Southern California in the summer of 1911 we gathered from well known growers in several of the districts the following data as to their practices: Corona, 2 1/2 acre inches about every 30 days; Whittier, 6 to 7 acre inches about every 42 days; Riverside, 3 to 4 1/2 acre inches about every 21 days; Azusa, 5 to 6 acre inches about every 30 to 45 days.

We returned to Santa Paula resolved to learn more definitely just what we ourselves were doing. The year previous we had begun to keep a calendar record for each section, but as our measurement of water consisted only of the total amount supplied to the entire property, the record was of value only in that it showed that our intervals between irrigations were decidedly irregular. Since the beginning of the year 1912 we have kept a complete record of the irrigation on each parcel of the orchard irrigated as a unit.

Our plan was to apply approximately five acre inches at an irrigation as frequently as seemed necessary, still varying the interval between irrigations and making our decisions as before. Immediately we found that on the steeper land with grades running above three per cent it required as much as 48 hours for the furrows to absorb the specified five acre inches, while on the flat areas often eight hours sufficed to accomplish the same result. To adjust the irrigators' and our own judgment to meet these differences was no easy task, and at the end of the year we found that we had averaged from six to 10 acre inches each irrigation instead of five as intended. An exceptionally deep plowing in the spring of 1913, and again a year later, so effectually destroyed the existing plow-sole and irrigation hardpan that during those years we used even more wa-

ter than we did in 1912. Without exception the blocks that had received an average of above three acre inches per year for the three year period were in the poorest condition, while those that had received the last water were most vigorous. This record of three years was, in our judgment, fairly representative of the previous history of the irrigation of the same areas, though doubtless the heavily irrigated portions had received relatively more water in years past.

In comparing the amount of water used on the Limoneira orchards with what seemed to suffice in other communities, we were forced to the conclusion that we were using not only more than the trees needed but so much that they were being injured as a result. Dr. C. B. Lipman had previously suggested that too much water might be responsible for some of our more general discouraging conditions, and upon seeing these records was most emphatic in urging that barely more than half as much irrigation water ought to be an abundance.

The mean annual rainfall at Limoneira for the past 12 years has been 19.77 inches. Frequent fogs during the summer months, often prevailing for weeks at a time, tend to retard evaporation as well as to supply all vegetation with considerable moisture direct from the atmosphere. Derived largely from shales and calcareous sandstone the deep alluvial soils of Ventura county have exceptionally high capillary power. Such soils have the ability to absorb large quantities of moisture, during rains and irrigation, and to an equal degree these same properties insure the gradual return of this moisture from great depths as evaporation and the demands of the trees and other vegetation deplete the near-surface supply. When these climatic and soil conditions were given due importance in their relation to local irrigation needs it was still more evident that our lavish use of water had little to commend or justify if it was not necessary in the sections farther inland.

It seemed unwise longer to trust our judgment without a more reliable understanding of the moisture content as it actually varied in our orchards. This meant careful scientific work and required a man trained in a soil laboratory. Through the advice and assistance of Dr. Lipman we secured for this work L. W. Fowler, at that time just graduating from the University of California college of agriculture, and specially trained for such investigations. We were planning to reduce greatly the amount of water applied. This made frequent moisture determinations particularly desirable as a check lest we go to the extreme of using too little.

One of the most practical methods for reducing the amount of water applied at each irrigation has seemed to be to reduce the number of furrows per row, and so far as possible alternate the location of these furrows from the irrigation to another. For instance: one furrow close to the trees on each side of the row serves for the first irrigation; for the second two or three furrows made in the dry area not furrowed the first time. Only when preparing for the planting of the covercrop, usually in late August or September, have we resorted to the crowded furrows of the past. On flat land fewer furrows do not suffice, but they must be clean, well-made furrows, so that a fairly large head of water can be rushed through quickly, then reduced to a small stream and held long enough to penetrate to a depth of about two feet at the lower end of the row. For uniform distribution this method has proven very satisfactory where the land has but little grade, as stated above.

For nearly two years, once each week, moisture determinations have been taken at some 50 different locations in at least eight different types of soil. To a depth of six feet the moisture in each foot has been determined separately. Charles A. Jensen, of the government laboratory in Riverside, kindly furnished us with determinations of the standard wilting coefficient and optimum moisture content of each of these soil types. By charting the orchard moisture as a curve and using straight lines for the wilting point and theoretical optimum moisture percentage, we have at a glance a graphic history of the moisture variations in any given field. On the basis of this data each irrigation can be timed and a close approximation, made of the amount of water required.

The results of these efforts to understand better our actual need, and supply water accordingly, are shown by turning to the record of water used during the last two years and comparing it with the record of the three preceding years. The average irrigation has required from three to six acre inches instead of from 6 to 10, and the average summer interval between irrigations has been reduced from 45 to 50 days to about 35. Perhaps we have used a bit too sparingly of water on two or three sections this year, but on the whole we feel that we are working toward a basis for much more intelligent irrigation than we have been practicing.

I would call your attention to the moisture condition in our Section Upper Six. This section has been consistently a normal, healthy orchard and is known to have had much less water than many of the other sections. Occasionally a tendency to wilt has been noticed near the lower end of the rows. This was undoubtedly injurious to both fruit and trees at the time and should not have happened, but it has had no permanent ill effects. It is an interesting coincidence that those blocks of orchard where trees have most often shown wilt have always received the least water, and one year with another have been our

most satisfactory orchards. It is also significant that these blocks are located on land having one per cent grade or more. Just what relation the theoretical optimum moisture content of this soil—or any other soil, for that matter—bears to the normal requirements of lemon trees is still to be determined. Only a few trees below the irrigation stand, the soil moisture remained above the optimum but a few days following each irrigation, and then in not to exceed one-half of the soil mass in which the trees feed. Neither fruit nor foliage of trees at this particular location, have at any time in the two years suggested lack of adequate moisture. On the other hand, near the lower end of the row, the moisture condition has permitted wilt of trees, premature coloring of fruit under size and even slight dropping of leaves. The difference between the moisture percentages does not seem very great, but evidently it is very significant. The standard wilting coefficient for this particular soil appears to be about correct for lemons.

C. C. Teague, manager of the Limoneira company, has an excellent 40-acre lemon orchard some two miles from the Limoneira. The soil is very deep and uniform, and the irrigation furrows have a grade of about one per cent with almost no variation. The records of water used on this orchard for the past five years is as follows: 1912, 34.9 acre inches; 1913, 31.8 acre inches; 19